# **PRIAMUS**

# Serial Publication of the Centre for Entomological Studies Ankara

# Supplement

Number 25

29 10 2011

ISSN 1015-8243

A synonymical, and distributional checklist of the *Papilionoidea* and *Hesperioidea* of East Mediterranean countries, including Turkey (*Lepidoptera*), <sup>2</sup>

#### Muhabbet Kemal Ahmet Ömer Koçak

**Abstract:** A synonymical, and distributional checklist of the *Papilionoidea* and *Hesperioidea* of East Mediterranean countries, including Turkey (*Lepidoptera*). *Priamus* (Suppl.) 25: 1-162, 42 Pls.

This is the first modern article in the Lepidopterology, dealing with the checklist of the butterflies of the East Mediterranean countries, Turkey, Cyprus, Syria, Lebanon, Israel, Jordan, and Iraq. Totally 448 species in 9 families are listed synonymically. Range of each species and subspecies is explained as codes of the countries. Distribution of each species and subspecies in Turkey is mentioned with the official provincial numbers. All the information are based upon the info-system of the Cesa; therefore the basic text of this article is extracted from the database system arranged and maintained regularly by the authors. Images used are from the archive of the Cesa and photographed by the first author under natural conditions, in various years and seasons. Identifications of all taxa including images belong to the authors. A selected bibliography of the butterflies of the seven countries is given alphabetically according to the names of the authors. It is also based upon the Library of the Cesa.

**Key words:** Butterflies, *Lepidoptera*, checklist, distribution, East Mediterranean countries, Turkey, Syria, Lebanon, Israel, Jordan, Iraq, Cyprus.

Within the frame of the Entomofauna<sup>3</sup> projects of the Cesa<sup>4</sup>, authors published recently the list of the valid names of the pterygot insects of the Middle East countries (except Lepidoptera).<sup>5</sup> Totally 12999 species based upon the info-system of the Cesa were listed in that article.<sup>6</sup>

<sup>&</sup>lt;sup>1</sup> The planned date of the publication of this study was 23 October. Unfortunately this act couldnot be realized on that date, due to a very strong earthquake (magnitude 7.2) with the epicenter 16km N of Van city, where exactly we live. Currently, more than 600 people dead, and 2600 people wounded. Thank God, we, quake survivors, are healthy, and gradually engaged in daily works and our scientific activities again. The media reported this disaster worldwide. We received only a single condolence message offered by Mr. Eddie John from abroad. We sincerely thank to him for his kindness

<sup>&</sup>lt;sup>2</sup> This issue has been distributed to our 280 subscribers.

<sup>&</sup>lt;sup>3</sup> http://www.cesa-tr.org/Entomofauna.htm

<sup>4</sup> http://www.cesa-tr.org/

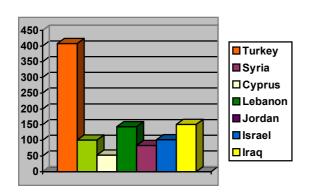
<sup>&</sup>lt;sup>5</sup> Koçak,A.Ö. & M.Kemal, 2010, Synonymic and distributional list of the pterygot insects of Middle East (Results of the Entomofauna of the World, based upon info-system of the Cesa) – 88. Priamus (Suppl.) 18: 2888-3186.

<sup>&</sup>lt;sup>6</sup> Koçak & Kemal (2010) mentioned that together with the Lepidoptera, number of pterygot insects of the Middle East reached to 20389. Total number based upon the database of the Cesa is now 23813. According to our knowledge, actual number of the pterygot species of

In the present publication, the butterflies of the East Mediterranean countries, Turkey, Cyprus, Syria, Lebanon, Israel, Jordan, and Iraq, are listed. Totally 448 native and migrant species in 9 families are given with their synonymous names, ranges and distributions (in blue colour) in Turkey as codes. Codes of East Mediterranean countries are in bold. In the list, the valid subspecies are also given with the same information of the species. The genera, subgenera, if exist sections and subsections are mentioned with their synonyms. Among the synonymous names, the symbol # denotes nomenclaturally unavailable name. All the information are based upon the infosystem of the Cesa; therefore the basic text of this article is extracted from the database system arranged and maintained by the authors regularly. Images used here are from the archive of the Cesa and photographed by the first author under natural conditions, in various years and seasons. Identifications of all taxa including images belong to the authors. A selected bibliography of the butterflies of the seven countries, based upon the Library of the Cesa, is given alphabetically according to the names of the authors.

As it has already been mentioned Koçak & Kemal (2010: 2888), there are still planned expeditions and publications on the butterflies of the East Mediterranean countries.

Number of the butterfly species of the countries listed here is as follows: Turkey (408, Papilionoidea 365, Hesperioidea 43), Cyprus (53, Papilionoidea 49, Hesperioidea 4), Syria (101,



Papilionoidea 89, Hesperioidea 12), Lebanon (144, Papilionoidea 120, Hesperioidea 24), Jordan (84, Papilionoidea 71, Hesperioidea 13), Israel (102, Papilionoidea 86, Hesperioidea 16), Iraq (151, Papilionoidea 129, Hesperioidea 22).

# **Explanations of the Plates**

#### Plate 1

**Figs. 1-** *Iphiclides podalirius* (male)- Van, Çatak, 7 7 2009; **2-** *Papilio machaon* (male)-Hakkari, Cilo mountain, 3 7 2011; **3-** *Papilio alexanor* (male)-Van, Gevaş, 2 7 2009.

#### Plate 2

Figs. 1- Allancastria cerisyi (male) - Hatay Pr., 19 4 2007; 2- A. deyrollei (male) - Şırnak, Cudi mountain, 8 5 2011; 3- Archon apollinus (male) - İzmir, Kemalpaşa, 9 4 2009; 4- A. apollinaris (male) Bitlis, Mutki, 19 3 2010; 5-Parnassius apollo (female), Erzurum, Pazaryolu, 10 8 2009; 6- P. mnemosyne (male), Hakkari, Cilo, 3 7 2011.

#### Plate 3

Figs. 1- Leptidea sinapis – Erzurum, Pazaryolu, 10 8 2009; 2- Leptidea duponcheli – Van, Kurubaş, 8 6 2011; 3-Colias aurorina – Bingöl, Kuruca, 20 6 2009; 4- C. alfacariensis – Erzurum, Pazaryolu, 10 8 2009; 5- C. thisoa – Van, Gürpınar, 15 7 2009; 6- C. crocea – Bitlis, Tatvan, 11 6 2011.

each country is as follows: Turkey (1858), Iran (6849), Iraq (1891), Syria (2250), Lebanon (1910), Jordan (1330), Israel (4284), Cyprus (1838).

<sup>7</sup> Codes used in the publications of the Cesa can be downloaded freely from the following address: http://www.members.tripod.com/entcesa/Code.pdf

Figs. 1- Gonepteryx rhamni (male) – Bingöl, 20 6 2009; 2- Anthocharis grueneri (female) – Van, Erek mountain, 2 6 2011; 3- A. cardamines (male) – Van, Çatak, 30 5 2009; 4- A. damone (male) – Van, Çatak, 30 5 2009; 5,6- A. grueneri (male) - Van, Gevaş, 29 5 2003.

#### Plate 5

Figs. 1- Euchloe ausonia – Ankara, Kalecik, 20 5 2008; 2- E. ausonia - Urfa, Çoban Boğazı 18 4 2007; 3- Zegris eupheme (male) – Van, Saray, 4 6 2009; 4- Elphinstonia penia – Van, Gevas, 29 5 2003; 5- Aporia crataegi – Bitlis, Direktaşı, 15 6 2011; 6- Pieris krueperi – Hakkari, Cilo mountain 3 7 2011.

#### Plate 6

Figs. 1- Pieris mannii - Ardahan, Posof, 19 7 2009; 2- P. rapae - Ardahan, Posof, 1 7 2010; 3, 4- P. pseudorapae - İstanbul, 26 4 2009; 5- Pontia chloridice - Mugla, Boynuzcuk 13 6 2005; 6- P. callidice - Van, Gevaş, 13 7 2009.

# Plate 7

Figs. 1- Pieris ergane — Van, Bahçeseray, 2 8 2008; 2- P. ergane — Hakkari, Yüksekova, 11 6 2003; 3- Colotis fausta — Siirt, Şirvan, 2 9 2010.

#### Plate 8

Figs. 1- Kirinia roxelana- Bitlis, Direktaşı, 15 6 2011; 2- Esperarge climene (courtship) – Van, Çatak, 17 7 2009; 3- Lasiommata megera – Muğla, Bodrum 17 6 2005; 4- L. maera – Van, Erek, 13 6 2009; 5- Pararge aegeria – Bitlis, Baykan, 24 6 2006; 6- Coenonympha arcania – Ardahan, Posof, 19 7 2009.

#### Plate 9

Figs. 1- Coenonympha leander – Hakkari, Karadağ, 4 7 2011; 2- C. symphyta – Ardahan, Posof, 30 6 2010; 3-Coenonympha saadi – Van, Çatak, 7 7 2009; 4- Maniola telmessia - Bitlis, Direktaşı 15 6 2011; 5- Hyponephele wagneri – Batman, Kozluk, 8 6 2008; 6- H. naricoides – Van, Güzeldere, 15 7 2011.

# Plate 10

Figs. 1, 2- Hyponephele lupina — Van, Çatak, 17 7 2009; 3, 4- Erebia aethiops — Ardahan, Posof, 19 7 2010; 5, 6- E. hewitsonii — Erzurum, Maçka, 26 6 2008.

#### Plate 11

Figs. 1- Melanargia russiae (female) & 2- M. russiae (male) – Bitlis, Tatvan, 9 7 2009; 3, 4- M. galathea – Ardahan, Posof, 20 7 2009; 5- M. syriaca – Van, Çatak, 1 7 2006; 6- M. syriaca – Van, Kusgunkıran, 6 7 2006.

#### Plate 12

Figs. 1,2- *Melanargia grumi* – Urfa, Siverek, 4 6 2006; **3, 4-** *M. hylata* – Bitlis, Tatvan, 9 7 2006; **5, 6-** *M. titea* – Mersin, Tarsus, 12 6 2005.

# Plate 13

Figs. 1- Melanargia larissa — Kırşehir, Kaman, 7 6 2006; 2- M. larissa — Erzurum, İspir, 9 8 2009; 3- Satyrus favonius — Erzurum, Pazaryolu, 10 8 2009; 4- S. parthicus — Hakkari, Yüksekova, 1 8 2003; 5- S. amasinus — Karaman, Hacıbaba mountain, 23 6 2009; 6- S. iranicus — Bitlis, Tatvan, 9 7 2009.

Figs. 1- Minois dryas – Ardahan, Posof, 13 7 2007; 2- Pseudochazara anthelea – Batman, Kozluk 6 6 2008; 3-Chazara anthe – Karaman, Hacibaba, 23 6 2009; 4- C. briseis – Van, 18 7 2010; 5,6- C. bischoffi – Van, 18 7 2010.

### Plate 15

Figs. 1- Brintesia circe - Erzurum ,İspir 1960m 9 8 2009; 2- Arethusana arethusa — Erzurum, İspir,1960m 9 8 2009; 3- Hipparchia syriaca - Bitlis, Ağaçköprü, 6 6 2008; 4- Parahipparchia aristeus — Karaman, Hacıbaba, 23 6 2009; 5- Neohipparchia parisatis - Mardin Nusaybin, 26 6 2006; 6- Pseudochazara geyeri — Van, Başet, 10 8 2010.

#### Plate 16

Figs. 1- *Pseudochazara beroe* (female) –Van, Başet 18 7 2010; 2- *P. lydia* – Karaman, Hacıbaba, 23 6 2009; 3- *P. pelopea* – Van, Zernek, 24 7 2011; 4- *P. telephassa* – Batman, Kozluk, 8 6 2008.

#### Plate 17

Figs. 1,2 Euapatura mirza – Hakkari, Kırıkdağ, 2 7 2011.

#### Plate 18

Figs. 1,2 Thaleropis ionia – Van, Çatak, 29 7 2011.

#### Plate 19

Figs. 1- Limenitis reducta – Bitlis, Hizan, 27 7 2006; 2- L. reducta – Van, Çatak, 9 6 2009; 3, 4- L. camilla – Ardahan, Posof, 12 7 2007; 5, 6- Neptis rivularis – Kars, Kağızman, 2 7 2010.

#### Plate 20

Figs. 1, 2- Nymphalis xanthomelas – Bitlis, 15 6 2011; 3, 4- N. polychloros – Van, Çatak, 7 6 2003; 5-Polygonia egea – Erzurum, İspir, 9 8 2009; 6- P. c-album – Hakkari, Cilo, 3 7 2011.

# Plate 21

**Figs. 1-** *Argynnis paphia* – Ardahan, Posof, 12 8 2007; **2-** *A. paphia* – Ardahan, Posof, 30 6 2010; **3-** *A. aglaja* – Ardahan, Posof, 12 7 2007; **4-** *A. aglaja* – Van, Çatak, 21 6 2008; **5-** *A. niobe* – Van, Çatak, 9 6 2009; **6-** *A. niobe* – Bingöl, 20 6 2009.

#### Plate 22

Figs. 1, 2- Brenthis hecate – Ardahan, Posof, 2 8 2009; 3, 4- B. mofidii – Hakkari, Cilo, 3 7 2011; 5- Boloria euphrosyne – Ardahan, Posof, 30 6 2010; 6- B. caucasica – Ardahan, Posof, 1 7 2010.

# Plate 23

Figs. 1- Euphydryas aurinia - Hakkari, Cilo Mountain, 3 7 2011; 2- E. orientalis - Ankara, Kalecik, 20 5 2008; 3-Melitaea collina - Van, Çatak , 30 5 2003; 4- M. phoebe - Hakkari, Cilo Mountain, 3 7 2011; 5- M. arduinna - Van, 31 5 2010; 6 - M. fascelis - Hakkari, Cilo Mountain, 2 7 2011.

#### Plate 24

Figs. 1- Melitaea interrupta – Ardahan, Posof, 1 8 2009; 2- M. didyma - Hakkari, Cilo Mountain, 3 7 2011; 3- M. persea – Van, Çatak, 18 6 2009; 4- M. interrupta (in copula) – Ardahan, Posof, 1 8 2009; 5,6- M. caucasogenita – Ardahan, Posof, 1 8 2009.

#### Plate 25

Figs. 1,2 Mellicta athalia - Ardahan Posof, 1 8 2009.

Figs. 1- Cigaritis acamas – Bingöl, 4 7 2008; 2- C. uighurica – Hakkari, Cilo Mountain, 3 7 2011; 3- Lycaena euphratica – Van, Gevaş, 2 6 2011; 4- L. virgaureae – Ardahan, Posof, 2 8 2009; 5- L. alciphron – Hakkari, Cilo Mountain, 2 7 2011; 6- L. alciphron – Kars, Kağızman, 2 7 2010.

#### Plate 27

Figs. 1-Lycaena asabinus – Van, Gürpınar, 25 6 2010; 2- L. candens – Van, Gürpınar, 15 7 2009; 3- L. kefersteinii – Van, Erek, 1 6 2011; 4- L. kurdistanica – Van, Gürpınar, 24 7 2011; 5,6- L. thetis – Erzurum, İspir, 9 8 2009.

#### Plate 28

Figs. 1- Tomares desinens - Van, Gürpınar, 14 4 2010; 2- T. nesimachus - Ankara, Kalecik, 20 5 2008; 3- T. romanovi - Şırnak, Meşindağı, 23 5 2011; 4- Callophrys mystaphia - Van, 02 6 2008; 5- C. rubi - Siirt, Eruh, 23 5 2011; 6- C. paulae - Van, Çatak, 30 5 2009.

#### Plate 29

Figs. 1- Satyrium abdominalis – Hakkari, Cilo Mountain, 2 7 2011; 2- S. abdominalis -Şırnak, Cudi Mountain, 24 5 2011; 3. S.acaciae – Ardahan, Posof, 30 6 2010; 4- S. armenum – Bitlis Reşadiye, 26 6 2006; 5- S. ilicis – Karaman, Hacibaba Mountain, 23 6 2009; 6- S. spini – Ağrı, Karabulak, 29 6 2010.

#### Plate 30

Figs. 1-Satyrium w-album – Van, Gevaş, 14 07 2011; 2- S. zabni – Bingöl, 20 6 2009; 3- S. ledereri - Van, Çatak, 11 6 2009; 4- S. hyrcanicum – Kars, Kağızman, 2 7 2010; 5- Quercusia quercus – Bingöl, 26 7 2008; 6-Lampides boeticus – Bitlis, Mutki, 22 5 2010.

# Plate 31

Figs. 1- Tarucus balkanicus — Şırnak, Cizre, 6 5 2011; 2- Cupido argiades — Ardahan, Posof, 30 6 2010; 3- C. minimus — Ardahan, Posof, 18 7 2009; 4- C. osiris — Hakkari, Cilo Mountain, 2 7 2011; 5- Celastrina argiolus — Batman, Kozluk, 76 2008; 6- Iolana lessei — Bitlis, 6 6 2008.

# Plate 32

Figs. 1,2- Turanana cytis – Hakkari, Karadağ, 4 7 2011; 3- T. endymion – Hakkari, Cilo Mountain, 3 7 2011; 4- T. taygetica – Karaman, Hacıbaba Mountain, 23 6 2009; 5- Pseudophilotes vicrama – Van, Gevaş, 28 5 2009; 6-Rubrapterus bavius – Van, Erek Mountain, 13 6 2009.

# Plate 33

Figs. 1- Glaucopsyche alexis – Şırnak, Cudi Mountain, 8 5 2011; 2- G. alexis – Şırnak, Güzelkonak, 6 5 2011; 3- G. astraea – Kahramanmaraş, Nurhak, 30 6 2008; 4- Phengaris arion – Ardahan, Posof, 2 8 2009; 5- P. nausithous – Ardahan, Damal, 3 8 2009; 6- Chilades galba – Siirt, Şirvan, 2 9 2010.

# Plate 34

**Figs. 1-** *Chilades trochylus* – Karaman, Hacıbaba Mountain, 23 6 2009; **2-** *Polyommatus loewii* – Hakkari, Cilo Mountain, 3 7 2011; **3-** *Plebejus carmon* – Hakkari, Cilo Mountain, 2 7 2011; **4-** *P. argus* – Hakkari, Cilo Mountain, 3 7 2011; **4-** *P. christophi* – Iğdır, Tuzluca, 20 7 2009; **6-** *P. argyrognomon* – Ardahan, Posof, 19 7 2009.

# Plate 35

Figs. 1- Polyommatus morgianus – Van, Gürpınar, 15 7 2009; 2- P. rosei - Van, 17 6 2010; 3- P. alcedo – Van, Çatak, 23 7 2009; 4- P. pyrenaicus - Kahramanmaraş, Nurhak, 30 6 2008; 5-P. eumedon – Ardahan, Posof, 1 8 2009; 6- P. agestis – Kars, Kağızman, 2 7 2010.

Figs: 1- Polyommatus isauricus – Malatya, Darende, 17 6 2006; 2- P. crassipunctus – Van, Bahçeseray, 2 8 2008; 3-P. amandus – Van, Çatak, 23 6 2007; 4- P. diana- Bayburt, 23 6 2008; 5- P. fatima – Hakkari, Karadağ, 4 7 2011; 6- P. coelestinus – Hakkari, Cilo Mountain, 3 7 2011.

#### Plate 37

Figs. 1- Polyommatus dezinus – Hakkari, Cilo Mountain, 2 7 2011; 2- P. corydonius – Sivas, Gölova, 5 8 2010; 3-P. bellargus – Adana, Gebzeli, 25 6 2009; 4- P. aedon – Erzurum, İspir, 9 8 2009; 5- P. cornelius – Adana, Tufanbeyli, 25 6 2009; 6- P. eros – Artvin, Yusufeli, 6 7 2003.

#### Plate 38

Figs. 1- Polyommatus buzulmavi - Hakkari, Cilo Mountain, 3 7 2011; 2- P. icarus - Hakkari, Cilo Mountain, 3 7 2011; 3- P. thersites - Kars, Kağızman, 28 7 2009; 4- P. (Agrodiaetus) eriwanensis - Erzurum, İspir, 9 8 2009; 5- P. (Agrodiaetus) eriwanensis (female) and 6- P. (Agrodiaetus) admetus (male) - Erzurum, Pazaryolu, 10 8 2009.

#### Plate 39

Figs. 1- Polyommatus (Agrodiaetus) hopfferi - Sivas, Zara, 12 8 2009; 2- P. (Agrodiaetus) menalcas - Sivas, Zara, 12 8 2009; 3, 4- P. (Agrodiaetus) poseidon (3-female, 4- male) - Sivas, Zara, 12 8 2009; 5- P. (Agrodiaetus) damon - Erzurum, İspir, 9 8 2009; 6- P. (Agrodiaetus) firdussii - Van, Çatak, 1 7 2006.

#### Plate 40

Figs. 1- Eogenes alcides – Siirt, Şirvan, 12 6 2010; 2- E. lesliei - Siirt, Şirvan, 12 6 2010; 3- Thymelicus lineolus (female) - Şirnak, Cudi Mountain, 24 5 2011; 4- T. sylvestris (male) – Hakkari, Cilo Mountain, 3 7 2011; 5-T. novus (male) -Van, Çatak, 7 7 2009; 6- Ochlodes venatus (male) – Van, Çatak, 9 6 2009.

# Plate 41

Figs. 1- Hesperia comma (female) - Van, Gürpınar, 13 8 2006; 2- Gegenes nostrodamus - Mersin yolu, 22 8 2008; 3- Carcharodus alceae - Siirt, Şirvan, 4 3 2011; 4- C. lavatherae - Hakkari, Cilo Mountain, 3 7 2010; 5- C. stauderi- Hakkari, Cilo Mountain, 3 7 2011; 6- Spialia phlomidis - Van, Gevaş, 11 7 2003.

#### Plate 42

Figs. 1,2- Muschampia nomas – Şırnak, Cudi Mountain, 24 5 2011; 3- M. poggei – Batman, Kozluk, 8 6 2008; 4-Spialia orbifer - Van, Gevaş, 28 5 2009; 5- Pyrgus melotis - Hatay, Yayladağı, 21 4 2007; 6- P. cinarae – Erzurum, Kırık, 11 8 2009.

# **PAPILIONOIDEA**

# **PAPILIONIDAE** (Plates 1-2)

**Zerynthia Ochsenheimer,1816** (Papilionidae) Synonym(s): Thais Fabricius,1807 nec Röding,1798; Zerynthia Ochsenheimer,1816; Eugraphis Billberg,1820;

**Zerynthia (s.str.) Ochsenheimer,1816** (Papilionidae) Synonym(s): Thais Fabricius,1807 nec Röding,1798; Zerynthia Ochsenheimer,1816; Eugraphis Billberg,1820

1. Zerynthia (s.str.) polyxena ([Denis & Schiffermüller],1775) (Papilionidae) Synonym(s): hypermnestra Scopoli,1763 nec Linn.,1763; polyxena [Denis & Schiffermüller],1775; hypsipyle Fabricius,1777; aristolochiae Schneider,1787 nec Fabricius,1775. Range (in codes): AT BG B-H BY Cr CZ FR GR HU HV IT KG Kr MK RO RU Si SK Sm So Sr SS TR UA Uk Vl YU Mkl Wn Slv Sof Ser Mt Beo Ko LAT Wn Distribution in Turkey (in codes): 10 14 16 17 26 34 39 43 54

**Zerynthia (s.str.) polyxena gracilis Schultz,1908** (Papilionidae) Synonym(s): *gracilis Schultz,1908*; *tristis De Lattin,1950*; *macedonica Eisner,1974*. Range (in codes): BG GR MK RO Tl **TR** YU Ko Mt Distribution in Turkey (in codes): 10 14 16 17 26 34 39 43 54

# Zerynthia (Allancastria) Bryk,1934 (Papilionidae) Synonym(s): Allancastria Bryk,1934

**2. Zerynthia** (Allancastria) caucasica (Lederer,1864) (Papilionidae) Synonym(s): caucasica Lederer,1864; tkatshukovi Sheljuzhko,1927; cachetica Sheljuzhko,1927; #caucasia Bernardi,1970. Range (in codes): Cc AM Eri GG Btm Kta Bjo Lag **TR** RU Kr Soc Distribution in Turkey (in codes): 14 28 52 53 61

**Zerynthia (Allancastria) caucasica abanti Koçak,1975** (Papilionidae) Synonym(s): *abanti Koçak,1975* Range (in codes): **TR** Distribution in Turkey (in codes): 14

**Zerynthia (Allancastria) caucasica caucasica (Lederer,1864)** (Papilionidae) Synonym(s): caucasica Lederer,1864; tkatshukovi Sheljuzhko,1927; cachetica Sheljuzhko,1927; #caucasia Bernardi,1970. Range (in codes): Cc AM Eri GG Btm Kta Bjo Lag **TR** RU Kr Soc Distribution in Turkey (in codes): 28 52 53 61

3. Zerynthia (Allancastria) cerisyi (Godart,1822) (Papilionidae) Synonym(s): cerisyi Godart,1822; cerisy Godart,[1824]; martini Fruhst.,1906; speciosa, cypria Stichel,1907;#destrigata Schultz,1908; #caeca Shelj.,1927; mysiniensis Eisn. & Wag.,1974; kocaki, goeksui Kuhna,1977; koroneii Katt.& Kouts.,1978; sami Schmidt,1989. Range (in codes): BG B-H CY GR IL Pa Hf JO LB Bei MK Rd SY TR YU Slv Skp Trv Rtc Ppp Bgz Ko Distribution in Turkey (in codes): 01 06 07 09 10 11 14 15 16 17 22 26 27 31 32 33 34 35 37 39 41 42 43 45 46 48 51 52 59 60 80

**Zerynthia (Allancastria) cerisyi cerisyi (Godart,1822)** (Papilionidae) Synonym(s): cerisyi Godart,1822; cerisy Godart,[1824]; martini Fruhst.,1906; speciosa, cypria Stichel,1907; #destrigata Schultz,1908; #caeca Shelj.,1927; mysiniensis Eisn. & Wag.,1974; kocaki, goeksui Kuhna,1977; koroneii Katt.& Kouts.,1978; sami Schmidt,1989. Range (in codes): **CY** GR **IL** Pa Hf **JO LB** Bei Rd **SY TR** Distribution in Turkey (in codes): 01 06 07 09 10 11 14 15 16 17 26 27 31 32 33 34 35 37 41 42 43 45 46 48 51 52 59 60 80

**Zerynthia (Allancastria) cerisyi ferdinandi (Stichel,1907)** (Papilionidae) Synonym(s): ferdinandi Stichel,1907 Range (in codes): BG B-H **TR** Slv Skp Trv Rtc Ppp Bgz Ko Distribution in Turkey (in codes): 39 22

4. Zerynthia (Allancastria) deyrollei (Oberthür,1869) (Papilionidae) Synonym(s): deyrollei Oberthür,1869; eisneri Bernardi,1970; lycaoniae Eisner & Wagener,1974; #flavomaculata Verity,1905; #ochracea Verity,1905; #obscurior Verity,1905; #subflava Schultz,1908; #deflexa Schultz,1908; #charis Schultz,1908; #separata Sheljuzhko,1927. Range (in codes): He IL Js Pa IQ Mos Bgd Slh Tkr IR Kd Km JO LB Bsa Baa Aiz Zah Bmd SY Dms TR Distribution in Turkey (in codes): 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 56 58 60 62 63 64 65 66 68 70 71 73 80

Zerynthia (Allancastria) deyrollei deyrollei (Oberthür,1869) (Papilionidae) Synonym(s): deyrollei Oberthür,1869; eisneri Bernardi,1970; lycaoniae Eisner & Wagener,1974; #flavomaculata Verity,1905; #ochracea Verity,1905; #obscurior Verity,1905; #subflava Schultz,1908; #deflexa Schultz,1908; #charis Schultz,1908; #separata Sheljuzhko,1927. Range (in codes): He IL Js Pa IQ Mos Bgd Slh Tkr IR Kd Km JO LB Bsa Baa Aiz Zah Bmd SY Dms TR Distribution in Turkey (in codes): 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 56 58 60 62 63 64 65 66 68 70 71 73 80

Archon Hübner, 1822 (Papilionidae) Synonym(s): Archon Hübner, 1822; Dorarchon Rothschild, 1918.

5. Archon apollinaris (Staudinger, [1892]) (Papilionidae) Synonym(s): apollinaris Staudinger, [1892]; pallidior Spuler,1892; #mardina Stichel,1907 Range (in codes): Dk IQ Mos IR Lo Km TR Distribution in Turkey (in codes): 13 21 23 30 47 49 56 62 65 73

Archon apollinaris apollinaris (Staudinger,[1892]) (Papilionidae) Synonym(s): apollinaris Staudinger,[1892]; pallidior Spuler,1892; #mardina Stichel,1907 Range (in codes): Dk IQ Mos IR Lo Km TR Distribution in Turkey (in codes): 13 21 23 30 47 49 56 62 65 73

**6.** Archon apollinus (Herbst, 1798) (Papilionidae) Synonym(s): apollinus Herbst, 1798; pythius Esper, 1805; thia Hübner, 1806; annii Ondrias, Kouts. & Douma-Petridou, 1979. Range (in codes): GR JO IL Pa Hf LB Bei Rd SY Drz TR Distribution in Turkey (in codes): 01 02 03 05 06 07 09 10 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 37 38 42 43 44 45 46 48 51 58 60 63 64 66 68 71 77

**Archon apollinus amasinus (Staudinger,1901)** (Papilionidae) Synonym(s): Range (in codes): TR Distribution in Turkey (in codes): 05 06 14 18 19 21 24 25 26 38 42 44 58 60 Staudinger,1901 63 66 68 71 77

Archon apollinus (Herbst,1798) (Papilionidae) Synonym(s): apollinus Herbst,1798: pythius Esper,1805; thia Hübner,1806; annii Ondrias, Kouts. & Douma-Petridou,1979. Range (in codes): GR Rd TR Distribution in Turkey (in codes): 07 09 35 48

Archon apollinus armeniacus Sheljuzhko,1925 (Papilionidae) Synonym(s): armeniacus Range (in codes): TR Distribution in Turkey (in codes): 29 Sheljuzhko,1925

Archon apollinus bellargus (Staudinger, [1892]) (Papilionidae) Synonym(s): Range (in codes): He IL Pa Hf JO LB SY TR Distribution in Turkey (in codes): 01 31 33

Archon apollinus drusicus De Freina & Leestmans, 2003 (Papilionidae) Synonym(s): Range (in codes): **SY** Drz drusicus De Freina & Leestmans,2003

Archon apollinus forsteri Koçak,1977 (Papilionidae) Synonym(s): forsteri Koçak,1977 Range (in codes): TR Distribution in Turkey (in codes): 37

Archon apollinus lichyi Carbonell & Brevignon,1983 (Papilionidae) Synonym(s): lichyi Carbonell & Brevignon,1983

Archon apollinus nikodemusi Stüning & Wagener,1989 (Papilionidae) Synonym(s):

Archon apollinus nikodemusi Stüning & Wagener,1989 (Papilionidae) Synonym(s):

TR Distribution in Turkey (in codes): 34 nikodemusi Stüning & Wagener,1989

Archon apollinus thracicus (Buresch,1915) (Papilionidae) Synonym(s): thracicus Buresch,1915 Range (in codes): BG TR Distribution in Turkey (in codes): 17

Archon apollinus wageneri Koçak,1976 (Papilionidae) Synonym(s): wageneri Kocak,1976 Range (in codes): TR Distribution in Turkey (in codes): 27 46

Archon apollinus wyatti Koçak,1976 (Papilionidae) Synonym(s): wyatti Koçak,1976 Range (in codes): TR Distribution in Turkey (in codes): 03 32

Parnassius Schneider,1785 (Papilionidae) Synonym(s): Parnassius Schneider,1785; Parnassius Latreille, 1804; Doritis Fabricius, 1807; Parnassis Hübner, [1819]; Therius Billberg, 1820; Tadumia Moore, 1902; Kailasius Moore, 1902; Koramius Moore,1902; Lingamius Bryk,1935; Eukoramius Bryk,1935; Sachaia Korshunov,1988; Quinhaicus Korshunov,1988; Krezbergius Korshunov,1988

Parnassius (Driopa) Korshunov,1988 (Papilionidae) Synonym(s): Driopa Korshunov,1988; Erythrodriopa Korshunov,1988; Adoritis Koçak,1989; Eversmanniodriopa Korb,2005

7. Parnassius (Driopa) mnemosyne (Linnaeus, 1758) (Papilionidae) Synonym(s): mnemosyne Range (in codes): AF AL Cc AM AT Ba BG B-H BY CH CZ DE DK EE ES FI FR GG GR HU HV IR IO IL IT KG KK Kr LB LT LV MK NO PL RO RU SE Si SK Sm So Sr SS TJ TM TR UA UK UZ VI YU Mt Ko Mkl Trb Dur Sof Rg Rtc Slv Zag Skp Beo SY Aa Ax Dj DsA Ik Ikc Ket T-S KuA Sem T-A Tk Tu TrA Tl CN Ui Brk Fa Ab Ak Gh Gor Ara Lo Elb Mz Eri Alg AZ Nv Dz Teb Kc Ist Distribution in Turkey (in codes): 01 03 05 06 07 08 12 13 14 16 18  $24\ 25\ 26\ 27\ 29\ 30\ 31\ 32\ 33\ 35\ 36\ 37\ 39\ 42\ 46\ 48\ 49\ 51\ 52\ 53\ 58\ 60\ 61\ 62\ 65\ 66\ 67\ 69\ 73\ 74\ 76\ 78\ 80$ 

Parnassius (Driopa) mnemosyne caucasia Verity,[1911] (Papilionidae) Synonym(s): caucasia Verity,[1911]; angorae Bryk & Eisner,1931; schweigeri Eisner,1966; kocaki Eisner,1978; bithyniae Betti,1989. codes): BG Cc GG IR Kc MK RU Teb TR Distribution in Turkey (in codes): 05 06 08 14 16 18 24 25 26 29 37 39 52 53 58 60 61 66 67 69 75 78

Parnassius (Driopa) mnemosyne libanoticus Bryk,1914 (Papilionidae) Synonym(s): #syra Range (in codes): IL ALb LB Verity,1911; libanoticus Bryk,1914; syra Larsen,1974.

Parnassius (Driopa) mnemosyne nubilosus Christoph,1873 (Papilionidae) Synonym(s): nubilosus Christoph,1873; subnubilosus Bryk,1914; strix Bryk,1914; pseudonubilosus Bryk,1932; elisabethae Bryk & Eisner,1934; noacki Eisner,1968; urartu Betti,1989; relictelam Betti,1989; gavaruki Betti,1989. Range (in codes): Cc AM AZ Gor IQ IR Ab Ak Mz Elb **TR** Distribution in Turkey (in codes): 12 13 30 36 49 62 65 73 76

Parnassius (Driopa) mnemosyne sheljuzhkoi Bryk,1914 (Papilionidae) Synonym(s): Range (in codes): He IL LB TR SY Distribution in Turkey (in codes): 01 03 07 27 31 32 33 sheljuzhkoi Bryk,1914 35 42 46 48 51 80

8. Parnassius (Driopa) nordmanni [Ménetries],[1850] (Papilionidae) Synonym(s): clarius Eversmann,1845 nec Evers.,1843; nordmanni [Menetries],[1850]; pataraeus Westwood,1852; minima Honrath,1885; christophi Bryk & Eisner,1932; bogosi O.Bang-Haas,1934; #fasciata Sheljuzhko,1935; #cohaerens Sheljuzhko,1935; #flavomaculata Sheljuzhko,1935 Range (in codes): AZ Da Bgo Mkp Kus Cc GG RU TR Distribution in Turkey (in codes): 08 53

Parnassius (Driopa) nordmanni nordmanni [Ménetries],[1850] (Papilionidae) Synonym(s): clarius Eversmann,1845 nec Evers.,1843; nordmanni [Menetries],[1850]; pataraeus Westwood,1852; minima Honrath,1885; christophi Bryk & Eisner,1932; bogosi O.Bang-Haas,1934; #fasciata Sheljuzhko,1935; #cohaerens Sheljuzhko,1935; #flavomaculata Sheljuzhko,1935 Range (in codes): AZ Da Bgo Mkp Kus Cc GG RU TR Distribution in Turkey (in codes): 08 75

**Parnassius (Driopa) nordmanni thomai De Freina,1980** (Papilionidae) Synonym(s): *thomai De Freina,1980* Range (in codes): Cc **TR** Distribution in Turkey (in codes): 08 53

**Parnassius (s.str.) Schneider,1785** (Papilionidae) Synonym(s): Parnassius Schneider,1785; Parnassius Latreille,1804; Doritis Fabricius,1807; Parnassis Hübner,[1819]; Therius Billberg,1820; Tadumia Moore,1902; Kailasius Moore,1902; Koramius Moore,1902; Lingamius Bryk,1935; Eukoramius Bryk,1935; Sachaia Korshunov,1988; Quinhaicus Korshunov,1988; Krezbergius Korshunov,1988

9. Parnassius (s.str.) apollo (Linnaeus,1758) (Papilionidae) Synonym(s): apollo Linnaeus,1758 Range (in codes): AL AT Ba Bc BG B-H BY CH CN CZ DE Dj DK ES FI FR GR HU HV IT KG MK NO PL RO RU SE At Kts Sem Si SK Sm So Sr SS Tk TR Bn Ui YU Mt Ko Tar Sau Tt Kg Pp Pw Kw Kts Um Ku T-S Cc GG Aj Aba Bku Alv Kis Bjo AM Eri IR Ab Kg Pp Pw Kw Ax Bc Bkr Dj DsA Ket Kml KuA Mn MN Sem TeA Tk Tls TrA Mu Um Adu At Kuz Sli NAt Sj Om To Sb Ir Irk Teb Kc Alg Dar Arr Distribution in Turkey (in codes): 01 03 04 05 06 07 13 14 16 18 24 25 27 29 30 32 33 35 36 37 38 42 44 46 51 57 58 60 61 62 65 67 69 74 75 76 78

**Parnassius (s.str.) apollo caucasicus Pagenstecher,1912** (Papilionidae) Synonym(s): caucasicus Pagenstecher,1912; transcaucasicus Bryk,1914 Range (in codes): Cc GG Bjo Aba Bku **TR** Distribution in Turkey (in codes): 75

**Parnassius (s.str.) apollo graslini Oberthür,1891** (Papilionidae) Synonym(s): graslini Oberthür,1891; kashtshenkoi Sheljuzhko,1908; levantinus Rothschild,1909; auerspergi Rebel,1911; dubius Bryk,1912; araraticus Pagenstecher,1912; anatolicus Pagenstecher,1912; armenicus Pagenstecher,1912; peroneurus Bryk,1914; zarathustrae Bryk,1914; tauricus Bryk & Eisner,1930; tkatshukovi Sheljuzhko,1935; paphlagonicus Bryk & Eisner,1937; kosswigi De Lattin,1941 Range (in codes): **TR** Cc AM Eri Alg Dar Arr Distribution in Turkey (in codes): 01 03 04 05 06 07 13 14 16 18 24 25 27 29 32 33 35 36 37 38 42 44 46 51 57 58 60 61 62 65 67 69 74 75 76 78

**Parnassius (s.str.) apollo tirabzonus Sheljuzhko,1924** (Papilionidae) Synonym(s): *tirabzonus Sheljuzhko,1924* Range (in codes): Cc TR Distribution in Turkey (in codes): 08 53 61

**Parnassius (s.str.) apollo turkirakirani Betti,1989** (Papilionidae) Synonym(s): *turkirakirani Betti,1989* Range (in codes): **TR** IR Ab Distribution in Turkey (in codes): 30

**Iphiclides Hübner,[1819]** (Papilionidae) Synonym(s): *Iphiclides Hübner,[1819]*; *Podalirius Swainson,[1833]* nec Latreille,1802.

10. Iphiclides podalirius (Linnaeus,1758) (Papilionidae) Synonym(s): podalirius Linnaeus,1758; sinon Poda,1761; flammeus Fourcroy,1785; brassicae Fabricius,1807; inalpinus Verity,1911; valesiaca Verity,1911; zanclaeides Verity,1911; pseudopersica Rocci,1926. Range (in codes): AL AO At AT Ba BE BG B-H BY CH CN Co Cr CZ DE Dj DK DsA EE ES Mu FI FR GR HU HV Ii IR IT Kb Ket KG Kp Kr Kt Ku Kun LT LU LV MK Mrk NL PL PT Pw Rd RO RU Sa Sau Sem Si SK Sm So Sp Sr Srm SS SW Tar Teb Ti Tk Tlk TM TR TrA T-S UA Ui Uk Vl YU Rtc Vrn Sjv Trb IL AM AZ GG LB Beq Bei SY He Mst Sof Rg Skp Bgz Slv Ppp Mt Ko Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Ple Lug Rio Seg Sma Sor Svl San Ter Tol Trg Val Vcl Zg Zm Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 49 50 51 52 54 56 58 59 60 62 64 65 66 67 68 69 70 71 73 75 76 77 78 81

**Iphiclides podalirius persica (Verity,[1911])** (Papilionidae) Synonym(s): persica Verity,[1911] Range (in codes): **IQ** IR

**Iphiclides podalirius podalirius (Linnaeus,1758)** (Papilionidae) Synonym(s): podalirius Linnaeus,1758; sinon Poda,1761; flammeus Fourcroy,1785; brassicae Fabricius,1807; inalpinus Verity,1911; valesiaca Verity,1911; zanclaeides Verity,1911; pseudopersica Rocci,1926. Range (in codes): AL At AT BE BG B-H Bw BY CH CN Co Cr CZ DE DK EE ES FI FR GR HU HV IT Kr Kt Kun LT LU LV MK Mrk NL PL PT Pw RO Rp RU Sa Sau Si SK Sp Srm SS SW Tar Ti Tlk **TR** UA YU Mst Sof Rg Skp Bgz Slv Ppp Rtc Vrn Sjv Trb Mt Ko Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 49 50 51 52 54 56 58 59 60 62 64 65 66 67 68 69 70 71 73 75 76 77 78 81

**Iphiclides podalirius smyrnensis (Eimer,1889)** (Papilionidae) Synonym(s): *smyrnensis Eimer,1889* Range (in codes): **TR** Rd Distribution in Turkey (in codes): 35

**Iphiclides podalirius virgatus (Butler,1865)** (Papilionidae) Synonym(s): *virgatus Butler,1865* Range (in codes): **IL** He AM AZ Cc GG **LB** Beq Bei **SY TR** 

Papilio (s.str. (Alexanoria)) Koçak & Kemal,2002 (Papilionidae) Synonym(s): Alexanoria Koçak & Kemal,2002

11. Papilio (s.str. (Alexanoria)) alexanor Esper,[1800] (Papilionidae) Synonym(s): polidamas De Prunner,1787 nec Linn.,1758; alexanor Esper,[1800]; polychaon Loche,1801; destelensis Nel & Chauliac,1983. Range (in codes): AF AL B-H FR GR HV IL IQ AZ NV Ord Cc Arr IR Ab Ak Zj Fa Elb Th IT JO KG KK LB Ftr Aiz MK Si TJ TM TR UZ SS B-H HV Syr Tm PK Bl T-S Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 16 17 25 30 31 32 33 35 36 42 43 44 45 46 47 48 52 58 60 62 65 69 70 71 73 74 76

**Papilio (s.str. (Alexanoria)) alexanor eitschbergeri Bollino & Sala,1992** (Papilionidae) Synonym(s): *eitschbergeri Bollino & Sala,1992* Range (in codes): Ae GR Le Sms **TR** Distribution in Turkey (in codes): 01 02 03 05 06 07 10 16 17 31 32 33 35 42 43 44 45 46 47 48 52 58 60 62 70 71

Papilio (s.str. (Alexanoria)) alexanor judaeus Staudinger,[1894] (Papilionidae) Synonym(s): maccabaeus Staudinger,[1892]; judaeus Staudinger,1894 Range (in codes): He IL JO LB Ftr Aiz SY

**Papilio (s.str. (Alexanoria)) alexanor orientalis Romanoff,1884** (Papilionidae) Synonym(s): *orientalis Romanoff,1884* Range (in codes): Cc Arr AZ Nv Ord **IQ** IR Ab Ak Zj Th Fa TJ TM **TR** Distribution in Turkey (in codes): 04 08 25 30 36 65 69 73 75 76

**Papilio Linnaeus,1758** (Papilionidae) Synonym(s): Papilio Linnaeus,1758; Amaryssus Dalman,1816; Aernauta Berge,1842.

**Papilio (s.str.) Linnaeus,1758** (Papilionidae) Synonym(s): Papilio Linnaeus,1758; Amaryssus Dalman,1816; Aernauta Berge,1842.

12. Papilio (s.str.) machaon Linnaeus,1758 (Papilionidae) Synonym(s): machaon Linnaeus,1758; reginae Retzius,1783; umbellatarum Fabricius,1807; aurantiaca Speyer,1858. Range (in codes): AF AL AM AO At AT BE BH B-H BY Ch CH CN CO Cr CY CZ DE DK DZ EE ES Mu FI FR GB GG GR HV Ii IN IQ IR Ir IT KG Kmt Kp Kr Krl Ku KW LB LT LU LV MA MD MK MN MT NL NO OM PK PL PT QA Rd RU Sa SA SE Sh Si SK Sm So Sr SS SY TM TN TR UA Ui Uk US UZ VI Ya Ass BG Ci BT Chb Hkk JP Kis Kr Mc MM NP Pja Shn SI Teb Ti Vv Yu Sjv Trb Mst Slv Rg Rtc Mt Ko JO Kts Tm KK KP KR Um Mre Cp Bn Cho Ax Dj DsA Ii Ket KuA Sau Sem Tar TeA Tk TrA T-S Ab Ak Elb Th Ss Ke Fa Ba Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs CA Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Lug Mdr Mlg Mu18 Nrr Ore Pv Ple Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Bei Bmm YU RO HU AZ TJ Zj Als Yuk BCo Abt Ssk Mnt On Qb Qg US MX Arz Cf Col Id Kan Mch Mon NDk NMx Ne Neb Org SDk Ut Ws Wy TW Gn IL Pa Hf Shn Yu VN Ton Ass Cc Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 50 51 56 58 59 60 62 63 65 66 68 69 70 71 73 74 75 76 77 78 80

**Papilio (s.str.) machaon syriacus Pfeiffer,1931** (Papilionidae) Synonym(s): #syriacus Verity,1905; #cypriae Verity,1905; syriacus Pfeiffer,1931; syriacus Eller,1936; rustaveli Didmanidze & Nekrutenko,1966. Range (in codes): He AM BG Cc GG **JO** KW **LB** Bei Bmm QA Rd RO SA BH **SY TR IL** Pa Hf Cr IR Zj **IQ** Qg **CY** Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 50 51 56 58 59 60 62 63 65 66 68 69 70 71 73 74 75 76 77 78 80

**13. Papilio (s.str.) saharae Oberthür,1879** (Papilionidae) Synonym(s): saharae Oberthür,1879 Range (in codes): DZ EG **JO** LY Cy MA OM SA TN YE

**Papilio (s.str.) saharae saharae Oberthür,1879** (Papilionidae) Synonym(s): saharae Oberthür,1879 Range (in codes): DZ EG Hj **JO** LY Cy MA Nf Nj SA Sn TN

Princeps (s.str.) Hübner, [1807] (Papilionidae) Synonym(s): Princeps Hübner, [1807]

14. Princeps (s.str. (s.str.)) demoleus (Linnaeus,1758) (Papilionidae) Synonym(s): demoleus Linnaeus,1758; erithonius Cramer,[1782]; epius Fabricius,1793; sthenelus Macleay,1826; demoleinus Oberthür,1879; pictus Fruhstorfer,1898; #chryseis Boullet & Le Cerf,1912; flavosignatus Heydemann,1954 Range (in codes): SY TR AF AU BH Ch CN ID IN IQ IR Th KW LK MM MY TW PH Nf Nj OM PG PK QA SA TH CMa UE VN YE Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab Taw Tic Alo Sbw Grm Sba Ass Slo Cm1 Phr TAk Non Chy Nrt Knc Bnk Rat Cbu Cbi Ray Rng Srt Tng Phu Sat Ptt Yal Nna Dst Qs Cuo Cuo5 Cuo7 Cu10 Cu12 Phi Pno Ton Ann KH LA NP Ctw Ctw1 Ctw2 Ctw3 Ctw4 Ctw5 Ctw6 Ctw7 Fa Kz Es Hz Ke Ss Yz Bu By Hil Sum Ja Bor Hn Flo Alo Bli CDo CD2 Tnc Hya Sgk Tda Pmy Bgd Distribution in Turkey (in codes): 47

Princeps (s.str. (s.str.)) demoleus demoleus (Linnaeus,1758) (Papilionidae) Synonym(s): demoleus Linnaeus,1758; erithonius Cramer,[1782]; epius Fabricius,1793; sthenelus Macleay,1826; demoleinus Oberthür,1879; pictus Fruhstorfer,1898; #chryseis Boullet & Le Cerf,1912; flavosignatus Heydemann,1954 Range (in codes): SY Pmy TR AF BH Ch IN Ass Slo IQ Bgd Hil IR Th Fa Kz Es Hz Ke Ss Yz Bu By KW LK MM Nf Nj OM PK QA SA UE KH Pno VN Ton Tda NP Ctw Ctw1 Ctw2 Ctw3 Ctw4 Ctw5 Ctw6 Ctw7 Distribution in Turkey (in codes): 47

# **PIERIDAE** (Plates 3-7)

Leptidea Billberg, 1820 (Pieridae) Synonym(s): Leptidea Billberg, 1820; Leucophasia Stephens, 1827

**15. Leptidea duponcheli (Staudinger,1871)** (Pieridae) Synonym(s): *duponcheli Staudinger,1871;* #dupncheli Nazari,2003 Range (in codes): AL BG B-H ES FR GR MK **TR** Cc **LB** YU Mt Ko Slv **IQ** IR Ab Ak Elb Th Fa Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 37 38 40 41 42 43 44 45 46 48 49 50 51 53 56 58 59 60 62 64 65 66 67 69 70 71 73 74 76 78

**Leptidea duponcheli xanthochroa Verity,1911** (Pieridae) Synonym(s): *xanthochroa Verity,1911* Range (in codes): **LB** 

**16. Leptidea morsei (Fenton,1881)** (Pieridae) Synonym(s): *morsei Fenton,1882* Range (in codes): Bn At Kts AT Ba BG B-H Bs BY CN Ui Ats CZ GR HU HV JP KG KP Kw MK Mkk Mn MN Om Or Pw RO RU Sb SK So Sp Sr SS **TR** Tt UA YU Distribution in Turkey (in codes): 13

**Leptidea morsei major Lorkovic,1927** (Pieridae) Synonym(s): #major Grund,1905; #morseides Verity,[1911]; major Lorkovic,1927 Range (in codes): Sj Bn At Kts AT Ba BG B-H Bs CZ GR HU HV KG Kw MK Mkk Mn MN Om Or Pw RO RU Sb SK So Sp Sr SS **TR** Tt YU Distribution in Turkey (in codes): 13

17. Leptidea sinapis (Linnaeus,1758) (Pieridae) Synonym(s): sinapis Linnaeus,1758; candidus Retzius,1783; erysimi Borkhausen,1788; lathyri Hübner,[1819]; loti Rennie,1832; umbratica Trimoulet,1858; sartha Rühl,1893; stabiarum Stauder,1914; nigrescens Verity,1919; patunae Stauder,1922; lathyricana Verity,1952. Range (in codes): Aa AL At AT Aty Ba BE BG B-H Bs BY Cb CH CN Co Cr CZ DE Dj DK EE ES FI FR GB GR HU HV IE IT Kb Kg KG Kr Ku Kw LT LU LV MK Mn NL No NO Om Or PL Pp PT Pw RO RU Sa Sb SE Sem Si SK Sm So Sp Sr SS Teb Tk To TR T-S Tt Ty UA Ui Uk Vl YU Cw Dv Smt H-W Sur Ssx SY Mt Ko Vrn Bgz Slv Sjv Trb Mst LB Kts DsA TrA Ket Sau Tar Bn Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm MA Rif Cz Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 45 46 48 49 50 52 53 54 55 58 60 61 62 65 66 67 69 70 74 76 77 78 70 75 76 80 81

Leptidea sinapis sinapis (Linnaeus,1758) (Pieridae) Synonym(s): sinapis Linnaeus,1758; candidus Retzius,1783; erysimi Borkhausen,1788; lathyri Hübner,[1819]; loti Rennie,1832; umbratica Trimoulet,1858; sartha Rühl,1893; stabiarum Stauder,1914; nigrescens Verity,1919; patunae Stauder,1922; lathyricana Verity,1952. Range (in codes): AL At AT Aty BE BG B-H Bs Bw BY Cb CH CN Cr CZ DE Dj DK EE ES FI FR GB GR HU HV IE IT Kg KG Ku Kw LT LU LV MK Mn NL No NO Om Or PL Pp PT Pw RO Rp RU Sa Sb SE Sem Si SK Sm Sp SS Tk To TR Tt Ty UA Ui Uk YU Cw Dv Smt H-W Sur Ssx Mt Ko Vrn Bgz Slv SY Sjv Trb Mst LB Kts Bn Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 45 46 48 49 50 52 53 54 55 58 60 61 62 65 66 67 69 70 74 76 77 78 70 75 76 80 81

**Belenois Hübner,[1819]** (Pieridae) Synonym(s): Belenois Hübner,[1819]; Anaphaeis Hübner,[1819]; Pseudohuphina Stoneham,1940; Pseudonaphaeis Bernardi,1953

18.Belenois aurota (Fabricius,1793) (Pieridae) Synonym(s): mesentina Cramer,[1780] nec Cr.,[1777]; aurota Fabricius,1793; augusta Olivier,1804; syrinx Wallengren,1860; lordaca Walker,1870; auriginea Butler,1886; turanica Sheljuzko,1908; #iris Gauckler,1912; #sulphurea Gauckler,1912; #pusillima Strand,1915; #punctifera Hulstaert,1924. Range (in codes): AF DJ EG ER ET IL Js Pa Hf IN IQ Qg IR Kz Fa Ke Ss JO KE LB Bei LK MG NA OM PK Ci Cp SA SD SO SY TR TZ UG YE ZA Tva Lpo Kru Pf Spb Ent Lj Mdk Jh Pre Gau Nta Kzu Ptb Est Tug Wnn Mpu ZR TM TJ NP Distribution in Turkey (in codes): 01 21

**Belenois aurota aurota (Fabricius,1793)** (Pieridae) Synonym(s): mesentina Cramer,[1780] nec Cr.,[1777]; aurota Fabricius,1793; augusta Olivier,1804; syrinx Wallengren,1860; lordaca Walker,1870; auriginea Butler,1886; turanica Sheljuzko,1908; #iris Gauckler,1912; #sulphurea Gauckler,1912; #pusillima Strand,1915; #punctifera Hulstaert,1924. Range (in codes): He AF DJ EG ER ET IL Js Pa Hf IN IQ Qg IR Kz Fa Ke Ss JO KE LB Bei LK MG NA OM PK Ci Cp SA SD SO **SY TR** TZ UG YE ZA Tva Lpo Spb Lj Mdk Kru Pf Ent Jh Pre Gau Nta Kzu Ptb Est Tug Wnn Mpu ZR TM TJ NP Distribution in Turkey (in codes): 01 21

Pieris Schrank,1801 (Pieridae) Synonym(s): Pieris Schrank,1801; Ganoris Dalman,1816; Andropodum Hübner,1822

Pieris (Artogeia) Verity,1947 (Pieridae) Synonym(s): Artogeia Verity,1947

- **19. Pieris (Artogeia) bowdeni Eitschberger,[1984]** (Pieridae) Synonym(s): bowdeni Eitschberger,[1984] Range (in codes): **TR** Cc AM IR TM Kp Distribution in Turkey (in codes): 08 14 24 25 29 53 65 69 75 76
- **Pieris (Artogeia) bowdeni bowdeni Eitschberger,1984** (Pieridae) Synonym(s): bowdeni Eitschberger,[1984] Range (in codes): **TR** Cc AM IR TM Kp Distribution in Turkey (in codes): 08 14 24 25 29 53 65 69 75 76
- 20. Pieris (Artogeia) bryoniae (Hübner,[1804]) (Pieridae) Synonym(s): bryoniae Hübner,[1804]; neobryoniae Miller,1933; wolfsbergeri Eitschberger,[1984]; debrosi Eitschberger,[1984] (cf. Leraut,1997). Range (in codes): Cc AM At AT BG BY CH CZ DE DsA FR HU HV IT Kb KG PL RO RU Sau SK SS Tar Teb TR IR Zj UA T-S Distribution in Turkey (in codes): 08 14 16 18 24 25 29 30 37 53 61
- **Pieris (Artogeia) bryoniae goergneri Eitschberger,1986** (Pieridae) Synonym(s): *goergneri Eitschberger,1986* Range (in codes): **TR** IR Zj Distribution in Turkey (in codes): 30
- Pieris (Artogeia) bryoniae turcica Eitschberger & Hesselbarth,1977 (Pieridae) Synonym(s): turcica Eitschberger & Hesselbarth,1977 Range (in codes): TR Cc AM Distribution in Turkey (in codes): 08 14 16 18 24 25 29 37 53 61
- **21. Pieris (Artogeia) ergane (Geyer,[1828])** (Pieridae) Synonym(s): ergane Geyer,[1828]; narcaea Freyer,[1828]. Range (in codes): AL Cc AM AT AZ BG B-H Cr ES FR GG GR HU HV **IQ** Hjo IR Ab Ak Elb Th Kdj IT **LB** MK RO SS **TR** YU Mt Ko Mst Trb Ple Cue Hue Lda Gna Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 12 13 14 15 16 18 21 23 24 25 26 28 29 30 31 32 33 36 38 42 43 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 71 73 74 76
- **Pieris (Artogeia) ergane detersa Verity,[1908]** (Pieridae) Synonym(s): detersa Verity,[1908]; elbursina Bytinski-Salz & Brandt,1937 Range (in codes): Cc AM AZ BG GG HV **IQ** Hjo **LB** MK Nv **TR** YU Mt Ko Mst Trb IR Ab Ak Elb Th Kdj Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 12 13 14 15 16 18 21 23 24 25 26 28 29 30 31 32 33 36 38 42 43 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 71 73 74 76
- **22. Pieris (Artogeia) krueperi Staudinger,1860** (Pieridae) Synonym(s): *krueperi Staudinger,1860* Range (in codes): AF AL BG Chi GR **IQ** IR Elb Th Fa Ke Ss Kos Ld MK OM PK **SY** Syr TeA **TR** Cc Slv Tm Ikc KK KG T-S IN CN Ui Ga UZ Smk Distribution in Turkey (in codes): 01 02 07 08 09 10 13 16 17 21 25 30 32 33 35 36 39 42 45 46 48 51 56 58 62 65 70 72 73 80
- **Pieris (Artogeia) krueperi syra Verity,[1911]** (Pieridae) Synonym(s): *syra Verity,[1911]* Range (in codes): Cc **TR SY IQ** IR Fa Elb Th Fa Ke Ss Kos OM AF PK **SY** Distribution in Turkey (in codes): 01 02 07 08 09 10 13 16 17 21 25 30 32 33 35 36 39 42 45 46 48 51 56 58 62 65 70 72 73 80
- **23. Pieris (Artogeia) mannii (Mayer,1851)** (Pieridae) Synonym(s): *mannii Mayer,1851; mannii Verity,1908; alpigena Verity,1911; roberti Eitschberger & Steiniger,1973.* Range (in codes): AL AT BG B-H CH CZ ES Mlg Grn Alm Mu Mdr Hue Gna Bar Ter FR GR HU HV IT Kr MA MK RU Co Sa Si SK SS **TR** Cc UA YU Mt Ko Sjv Mst IR Distribution in Turkey (in codes): 01 02 03 06 07 08 10 11 13 14 17 18 21 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 45 46 47 48 49 50 51 53 61 62 65 67 69 73 74 76 78 80
- **Pieris (Artogeia) mannii hethaea Pfeiffer,1931** (Pieridae) Synonym(s): hethaea Pfeiffer,1931 Range (in codes): GR Sms **TR** Cc IR Distribution in Turkey (in codes): 01 02 03 06 07 08 10 11 13 17 18 21 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 45 46 47 48 49 50 51 53 61 62 65 69 73 74 76 78 80
- **Pieris (Artogeia) mannii mannii (Mayer,1851)** (Pieridae) Synonym(s): *mannii Mayer,1851;* manni Verity,1908; alpigena Verity,1911; roberti Eitschberger & Steiniger,1973. Range (in codes): AL AT BG B-H CH CZ ES FR GR HU HV IT Kr MA MK RU Sa Si SK SS **TR** UA YU Mt Ko Sjv Mst
- **24. Pieris (Artogeia) persis Verity,1922** (Pieridae) Synonym(s): persis Verity,1922; higginsi Bowden,1961. Range (in codes): IR Kd TM Kp **TR IQ** Hjo Ry Distribution in Turkey (in codes): 13 21 30 44 65
- **Pieris (Artogeia) persis persis Verity,1922** (Pieridae) Synonym(s): persis Verity,1922; higginsi Bowden,1961. Range (in codes): IR Kd TM Kp TR IQ Hjo Ry Distribution in Turkey (in codes): 13 21 30 44 65 73
- **25. Pieris (Artogeia) pseudorapae Verity,1908** (Pieridae) Synonym(s): pseudorapae Verity,1908 Range (in codes): Cc AM AZ BG B-H Da GG GR HV **IQ** IR Elb Mz Th **JO LB** Le MD MK RO RU **SY TR** UA YU Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 12 13 14 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 63 65 66 67 68 71 73 74 75 76 77 78 80 81
- **Pieris (Artogeia) pseudorapae balcana Lorkovic,1968** (Pieridae) Synonym(s): #canidiaformis Drenowsky,1910; balcana Lorkovic,1968; canidiaformis Higgins & Riley,1973 (cf. Kudrna,1977: 63-64). Range (in codes): BG B-H GR HV MD MK RO **TR** UA YU Mt Ko

Pieris (Artogeia) pseudorapae mazandarana Eitschberger,1986 (Pieridae) Synonym(s): mazandarana Eitschberger,1986 Range (in codes): IR Elb Mz Th TR Distribution in Turkey (in codes): 08 53 75

Pieris (Artogeia) pseudorapae pseudorapae Verity,1908 (Pieridae) Synonym(s): pseudorapae Verity,1908 Range (in codes): He IL Pa LB SY JO

**Pieris (Artogeia) pseudorapae suffusa Sheljuzhko,1931** (Pieridae) Synonym(s): *suffusa Sheljuzhko,1931* Range (in codes): Cc AM AZ Da GG GR **IQ** Kb Le RU Teb **TR** Distribution in Turkey (in codes): 01 03 04 05 06 07 10 11 12 13 14 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 54 56 58 59 60 61 62 63 65 66 67 68 71 73 74 76 77 78 80 81

Pieris (Artogeia) rapae (Linnaeus,1758) (Pieridae) Synonym(s): rapae Linnaeus,1758; nelo Bergsträßer,1780; metra Stephens,1827; alpica Rossi,1929. Range (in codes): Ae AF AL AT AZ BE BG BH B-H BY Ch CH Ci CN Cn Co Cr CY CZ DE DK DZ EE ES FI FR GB Gg GR Hk HU HV IE IN IQ IR IS IT JO JP KG KK Kp KW Ld LT LU LV MA Mc Md MK MN MT Nf Nj NL NO OM PK PL PT QA Rd RO SA Sa SE Si SK SS SY TJ TM TN TR UA UZ YU Aa Am Ao At Aty Ax Ba Bs Cb Ikc Ir Ka Kg KP Kr KuA Kw Ky Mn No Om Pe Pr Pt Pw RU Sb Sj Sm So Sp Sr St TeA Tk Tm TrA Tt Us Vl Cw Dv Smt H-W Sur Ssx Ken Mt Ko Ril Sjv Mst Mkl T-S Um Bl Ci Bn DsA Sju Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Lug Ple San US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SCa SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy AU Hw Agh Pa Hf TW Kml JP RU Am Us Sh TW VN D-l Ldo GG AZ Kir AM Cc Arr Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 73 74 75 76 77 78 79 80

**Pieris (Artogeia) rapae leucosoma Schawerda,1905** (Pieridae) Synonym(s): *leucosoma Schawerda,1905*; #vaga Schawerda,1905; iranica Le Cerf,1913 nec Bien.,1870; meleager Hemming,1934 Range (in codes): **TR** Arr AF **IQ** Agh IR Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj PK Nwf Bl Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 73 74 75 76 77 78 79 80

Pieris (Artogeia) rapae rapae (Linnaeus,1758) (Pieridae) Synonym(s): rapae Linnaeus,1758; nelo Bergsträßer,1780; metra Stephens,1827; alpica Rossi,1929; pulverea Verity,[1911]. Range (in codes): Ae AF AL AT Aty AU AZ BE BG BH B-H Bw BY Ch CH CN Cn Co Cr CY CZ DE DK EE EG ES FI FR GB GR HU HV Hw IE IL IS IT JO JP KG KK KW LB LT LU LV Md MK MN MT MX Nf Nj NL NO OM PK PL PT QA Rd RO Rp RU SA Sa SE Si SK SS SY TJ TM TR UA Ui US UZ Yh Yk YU DZ MA TN Cw Dv Smt H-W Sur Ssx Ken Mt Ko Ril Sjv Mst Mkl He Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Lug Ple San

**Pieris (Artogeia) rapae transcaucasica Stauder,1925** (Pieridae) Synonym(s): transcaucasica Stauder,1925 Range (in codes): TR AZ Kir Cc Distribution in Turkey (in codes): 61

Pieris (s.str.) Schrank,1801 (Pieridae) Synonym(s): Pieris Schrank,1801; Ganoris Dalman,1816; Andropodum Hübner,1822

27. Pieris (s.str.) brassicae (Linnaeus,1758) (Pieridae) Synonym(s): brassicae Linnaeus,1758; chariclea Stephens,1827; #venata Verity,1908; cyniphia Turati,1924. Range (in codes): Adr AF AL At AT AZ Bd BE BG B-H BS BY Cb CH CN Co Cr CY CZ DE DK EE ER ES FI FR GB GR Hk HU HV IE Ii IL IQ IR IS IT JO Ka Kab Kbb Kg KG KK Kp Kr Kw Ky LB LT LU LV MK MT NL No NO NP Om Pag PK Ci PL PT Pw Rd RO RU Sa Sb SE Si SK So SS Tm TM TR Tt UA Ui UZ Aa Ax Ikc KuA Mn Sp Tk TrA Cw Dv Smt H-W Sur Ssx Ken Ko MA DZ TN Sjv Trb Sof Rg Rtc Slv Mt LY Cy SY Kts T-S Um Bn DsA Elb Th Sju Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Lug Ple San Mu18 IN Ass Slo Dk TH Pa Hf Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 48 49 50 51 52 53 54 55 56 58 60 61 63 65 66 70 71 73 74 75 76 77 78 80 81

**Pieris (s.str.) brassicae brassicae (Linnaeus,1758)** (Pieridae) Synonym(s): brassicae Linnaeus,1758; chariclea Stephens,1827; #venata Verity,1908; cyniphia Turati,1924. Range (in codes): He Ae AF AL AT BE BG B-H Bw BY CH Co Cr CY CZ DE DK EE ER ES FI FR GB GR HU HV IE IL IR IS IT JO KG Kr LB LT LU LV MK MT NL NO NP PK PL PT Rd RO Rp RU Sa SE Si SK SS TM Kp TR UA UZ YU Cw Dv Smt H-W Sur Ssx Ken Ko Sjv Trb Sof Rg Rtc Slv Mt MA DZ TN LY Cy Pa Hf SY CN Ui Um Ci Bn At Elb Th Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Lug Ple San Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 48 49 50 51 52 53 54 55 56 58 60 61 63 65 66 70 71 73 74 75 76 77 78 80 81

**Pieris (s.str.) brassicae ottonis Röber,1907** (Pieridae) Synonym(s): brassicoides Staudinger,1901 nec Guér.-Méneville,1849; ottonis Röber,1907; scientalis Koçak,1998 Range (in codes): Dj KG KK Sem Tk UZ Aa Ax Ikc KuA DsA Sju Mn Sp Tk TrA T-S Um **IQ** Dk

**Pontia Fabricius, 1807** (Pieridae) Synonym(s): Pontia Fabricius, 1807; Synchloe Hübner, 1818; Mancipium Stephens, 1827; Parapieris Nicéville, 1897; Leucochloe Röber, 1907; Pontieuchloia Verity, 1929.

28. Pontia callidice (Hübner,[1800]) (Pieridae) Synonym(s): callidice Hübner,[1800]; callidice Esper,[1803]. Range (in codes): Aa AF At Kts AT Ax Bv Py F06 F65 BY Ch CH CN DE DsA ES FR Hu IQ IR Ab Ak Bk Elb Th IT KG KK KuA Ld Mn PK Ci Pm RU Sau Sp SS Tar TeA TJ Tk TR Cc TrA UA Ui Ku Um T-S Distribution in Turkey (in codes): 01 03 04 05 06 07 08 13 16 24 25 29 30 32 38 42 44 46 48 51 53 58 60 62 65 69 70 73 76

Pontia callidice chrysidice (Herrich-Schäffer,[1844]) (Pieridae) Synonym(s): chrysidice Herrich-Schäffer,[1844] Range (in codes): AM Cc AZ GG IQ IR Ab Ak Bk Elb Th RU TR Distribution in Turkey (in codes): o1 o3 o4 o5 o6 o7 o8 13 16 24 25 29 30 32 38 42 44 46 48 51 53 58 60 62 65 69 70 73 76

Pontia callidice libanotica Bernardi,1965 (Pieridae) Synonym(s): libanotica Bernardi,1965 LB

29. Pontia chloridice (Hübner,[1813]) (Pieridae) Synonym(s): russiae Esper,[1784] nec russiae Esper,[1783]; chloridice Hübner,[1813]; #aestuosa Staudinger,1901; albidice Staudinger,1901 nec Oberthür,1881. Range (in codes): AF AO AQ BN At Ba BG BY Cb Ci CY Dj DsA FI Gg GR IQ Kq IR Ab Ak Elb Th Kh Lo Ka Kbb KG KK Kw Ld LT LV MK Mn MN Mrk Om Or PK Pnj Pw Rk RU Sau Sb Sem Sm So Sp Sr Tar TeA Tk TR Cc Tt UA Uk Vl Slv Rg T-S CN Ui Adu Um Distribution in Turkey (in codes): 03 05 06 07 08 10 12 13 16 18 21 23 24 25 29 30 33 34 35 36 42 44 45 46 48 50 56 60 62 63 65 69 71 73 76

Pontia chloridice chloridice (Hübner,[1813]) (Pieridae) Synonym(s): russiae Esper,[1784] nec russiae Esper,[1783]; chloridice Hübner,[1813]; #aestuosa Staudinger,1901; albidice Staudinger,1901 nec Oberthür,1881. Range (in codes): AF AO AQ BN At Ba BG BY Cb Ci CY Dj DsA FI Gg GR IQ Kq IR Ka Kbb KG KK Kw Ld LT LV MK MN Mrk Om Or PK Pnj Pw Rk RU Sau Sb Sem Sm So Sp Sr Tar TeA Tk TR Cc Tt UA Uk VI Slv Rg T-S Ab Ak Elb Th Kh Lo CN Ui Adu Um Distribution in Turkey (in codes): 03 05 06 07 08 10 12 13 16 18 21 23 24 25 29 30 33 34 35 36 42 44 45 46 48 50 56 60 63 65 69 71 73 76

**30. Pontia daplidice (Linnaeus,1758)** (Pieridae) Synonym(s): daplidice Linnaeus,1758; belemida Geyer,[1832]; albidice Oberthür,1881; iberidice Bryk,1940. Range (in codes): Adr AF AL Ao AT Ba BE BG B-H Bw BY CH Cr CZ DE DK ES FI FR GB GR Hk HU HV IE IR IT Kab Kb Kbb Kr LT LU LV MK MT NL Nu Pag PK Ci Cp PL Pnj PT RO RU SA Sa SE Si SK Sm So Sr SS Teb TR UA Uk Vl YE YU Cw Dv Smt H-W Sur Ssx Ken Mt Ko Sof Slv Vrn Rtc ET NP JO Sjv He IL Hf Pa SO Ad Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm TH CMa CDo Distribution in Turkey (in codes): 30 63

Pontia daplidice (Linnaeus,1758) (Pieridae) Synonym(s): daplidice Linnaeus,1758; belemida Geyer,[1832]; albidice Oberthür,1881; iberidice Bryk,1940. Range (in codes): AL Ao AT Ba BE BG B-H Bw BY CH Cr CZ DE DK ES FI FR GB GR HU HV IE IT Kr LT LU LV MK MT NL PL PT RO Rp RU SA Sa SE Si SK Sm So Sr SS TR UA Uk VI YE YU Cw Dv Smt H-W Sur Ssx Ken Mt Ko MA DZ TN Sof Slv Vrn Rtc Sjv JO He IL Hf Pa

**31. Pontia edusa (Fabricius,1777)** (Pieridae) Synonym(s): edusa Fabricius,1777; bellidice Ochsenheimer,1808; persica Bienert,1869; #nitida Verity,[1908]. Range (in codes): Aa Ae Aq Bn At Kts Aty Ax BG Bs Cb CN CY DE Dg Dj GG GJ GR IQ IR IT Kg KG KK Kp Kt KuA Ky Mg MK Mn No Nrk Om Or Pp Rd Rk RU Sb Sem Sm Sp SS TeA TJ Tk Syr Tm TM TR TrA Ty Ui Uk UZ YU Ze SY Um Ku DsA T-S Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Adu Sju Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Agh Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 67 68 69 70 71 73 74 75 76 77 78 79 80 81

Pontia edusa edusa (Fabricius,1777) (Pieridae) Synonym(s): edusa Fabricius,1777; bellidice Ochsenheimer,1808; persica Bienert,1870; #nitida Verity,[1908]. Range (in codes): Aa Ae Aq Bn At Kts Ax BG Bs Cb CY DE Dg GG Gj GR IQ IR IT Kg KG T-S KK Kt KuA Ky Mg MK Mn No Nrk Om Or Pp Rd Rk Sb Sm Sp S-RU SS TeA TJ Tk Syr Tm TM TR DsA TrA Ty Uk UZ YU Ze SY Um Ku Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Adu Sju Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Agh Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 67 68 69 70 71 73 74 75 76 77 79 80 81

**32. Pontia glauconome Klug,1829** (Pieridae) Synonym(s): *glauconome Klug,1829* Range (in codes): CV MR MA DZ **IQ** IR Th Kz Fa Ke Ss SA YE **SY JO** PK Pj Bl Ci Nwf KE TD SO SD Sk **IQ** AF UZ TM

**Pontia glauconome glauconome Klug,1829** (Pieridae) Synonym(s): glauconome Klug,1829 Range (in codes): DZ **JO** SA YE

Pontia glauconome iranica (Bienert,1870) (Pieridae) Synonym(s): iranica Bienert,1870; vipasa Moore,1872 Range (in codes): IQ TJ IR Th Kz Fa Ke Ss SY PK Pj Bl Ci Nwf

Colotis Hübner,[1819] (Pieridae) Synonym(s): Colotis Hübner,[1819]; Aphrodite Hübner,[1819]; Idmais Boisduval,1836; Callosune Doubleday,1847; Anthopsyche Wallengren,1857; Ptychopteryx Wallengren,1857; Thespia Wallengren,1858; Calicharis Oberthür,1876; Madais Swinhoe,1909.

- 33. Colotis (s.str.) chrysonome (Klug,1829) (Pieridae) Synonym(s): chrysonome Klug,1829; gaudens Butler,1876; arenicolens Butler,1884; helvolus Butler,1888; cosmas Hulstaert,1924; meinhertzhageni Riley,1934; socnensis Kruger,1939; patrizii Storace,1949. Range (in codes): Dh DZ ET IL JO KE LY MR OM SA SD SO TZ YE
- Colotis (s.str.) chrysonome chrysonome (Klug,1829) (Pieridae) Synonym(s): chrysonome Klug,1829; gaudens Butler,1876; arenicolens Butler,1884; helvolus Butler,1888; cosmas Hulstaert,1924; meinhertzhageni Riley,1934; socnensis Kruger,1939; patrizii Storace,1949. Range (in codes): Dh DZ ET IL JO KE LY MR OM SA SD SO TZ YE
- **34.** Colotis (s.str.) eborea (Stoll,[1781]) (Pieridae) Synonym(s): danae Fabricius,1775 nec Hufn.,1766; eborea Stoll,[1781]. Range (in codes): IR JO IN PK Bl Krc Sd EG ER OM SA Sn SO YE KE ZA Nta Ec Kzu Tug Wnn Ly Ptb Tva Spb Kru Pf Lj Mdk Mpu Brb Gau Jh Suw Wri Kom BW MZ NA ZW ZM MW TZ SD UG ET AO
- Colotis (s.str.) eborea eupompe (Klug,1829) (Pieridae) Synonym(s): eupompe Klug,1829; theopompe Felder & Felder,[1865]; anteupompe Felder & Felder,[1865]; dedecora Felder & Felder,[1865]; #pulchra Ungemach,1932; #depurpurata Ungemach,1932; #pallidus Ungemach,1932; #benadirensis Storace,1949. Range (in codes): EG ER ET JO OM SA SD Sn SO YE KE
- 35. Colotis (s.str.) fausta (Olivier,[1804]) (Pieridae) Synonym(s): fausta Olivier,[1804] Range (in codes): LB Bei Ad AF As BH Dh Hd Hj IL Pa Hf IN IQ IR Hz Ke Ss Fa JO KW Nf Nj OM PK QA SA SO SY TD TR YE Bl EG SA Krc Nwf Ca Pj Cp TM Distribution in Turkey (in codes): 01 12 21 27 30 31 33 42 46 47 56 63 73 79 Colotis (s.str.) fausta fausta (Olivier,[1804]) (Pieridae) Synonym(s): fausta Olivier,[1804] Range (in codes): LB Bei He AF IL Pa Hf IN IQ IR Hz Ke Ss Fa JO PK SY TD TR Bl EG SA Krc Nwf Ca TM Distribution in Turkey (in codes): 01 12 21 27 30 31 33 42 46 47 56 63 73 79
- **36.** Colotis (s.str.) phisadia (Godart,[1819]) (Pieridae) Synonym(s): phisadia Godart,[1819]; arne Klug,1829; philumene Mabille,1880. Range (in codes): ER ET IL Pa JO KE MG MR SA SD SN SO TD UG YE IR PK Pj Cp Bl
- Colotis (s.str.) phisadia palaestinensis (Staudinger,[1898]) (Pieridae) Synonym(s): palaestinensis Staudinger,[1898] Range (in codes): IL Pa JO

Anthocharis Boisduval, Rambur, Duméril & Graslin,1833 (Pieridae) Synonym(s): Anthocharis Boisduval, Rambur, Duméril & Graslin,1833

37.Anthocharis cardamines (Linnaeus,1758) (Pieridae) Synonym(s): cardamines Linnaeus,1758; hesperides Newman,1894; britannica Verity,1908; meridionalis Verity,1908 nec Lederer,1852; montivaga Turati & Verity,1911 Range (in codes): Aa AL AM At AT Ba BE BG B-H Bs BY CH CN Co CY CZ DE Dj DK EE ES FI FR GB GR HU HV IE IL IQ IR IT Kb KG KK Kr Ku LB Le LT LU LV MK Mn NL NO Or PL PT Pw RO RU Sa SE Sem Si Sj SK Sm Sms So Sp Sr SS SY Teb Tk TM To TR TrA T-S Tt Ty UA Ui Uk Vl YU Cw Dv Smt Mu Sr Vl H-W Sur Ssx Ken Mt Ko Sof Ril Rg Rtc Mkl Trb Ti Kts Bn Ax DsA His Al Gh Pa Hf Gh Kas Shq Rwz Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 13 14 15 16 17 18 20 21 23 24 25 27 28 29 30 31 32 33 34 35 36 37 39 41 42 43 44 45 46 47 48 51 52 53 55 56 58 60 61 62 65 66 70 71 73 74 75 76 78

Anthocharis cardamines cardamines (Linnaeus,1758) (Pieridae) Synonym(s): cardamines Linnaeus,1758; hesperides Newman,1894; britannica Verity,1908; meridionalis Verity,1908 nec Lederer,1852; montivaga Turati & Verity,1911 Range (in codes): AL AT Ba BE BG B-H Bs Bw BY CH Co CZ DE Dj DK EE ES Mu FI FR GB GR HU HV IE IT Kb KG Le LT LU LV MK Mn NL NO Or PL PT Pw RO Rp RU Sa SE Sem Si SK Sm Sms So Sp Sr SS Teb Tk TM To TR Tt Ty UA Ui Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken Mt Ko Sof Ril Rg Rtc Mkl Trb Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 14 15 16 17 18 20 23 24 25 28 29 32 33 34 35 36 37 39 41 42 43 44 45 46 48 51 52 53 55 58 60 61 62 66 70 71 73 75 76 78

**Anthocharis cardamines phoenissa Kalchberg,1895** (Pieridae) Synonym(s): #turritis Ochsenheimer,1816; phoenissa Kalchberg,1895; #umbrosa Culot,1905; ondrii Kattulas & Koutsaftikis,1978. Range (in codes): He Cc AM Chi CY GR IL Pa Hf IQ Shq Rwz IR LB SY TR Distribution in Turkey (in codes): 01 03 04 07 08 13 15 20 21 23 24 25 27 29 30 31 32 33 36 42 44 46 47 51 53 56 58 62 65 66 70 73 75 76

**38. Anthocharis damone Boisduval,1836** (Pieridae) Synonym(s): *damone Boisduval,1836* Range (in codes): AL GR IT MK Si He GR **IQ** Ama Cc AM IR Elb Th Es MK **TR LB SY IL** Pa Hf Distribution in Turkey (in codes): 01 04 05 07 08 10 13 21 23 24 25 27 29 30 31 32 33 34 35 36 42 43 44 46 48 51 56 65 69 70 73 76

Anthocharis damone eunomia (Freyer,[1851]) (Pieridae) Synonym(s): eunomia Freyer,[1851]; pallida Röber,[1907]; syra Verity,1911; #flavoapicata Sheljuzhko,1925; hollaenderi Seyer,1980; steinelti Seyer,1984; fickleri Seyer,1985; karbalayei Hofmann et al,2003. Range (in codes): AL He GR IQ Ama Cc AM IR Elb Th Es MK TR LB SY IL Pa Hf Distribution in Turkey (in codes): 01 04 05 07 08 10 13 21 23 24 25 27 29 30 31 32 33 34 35 36 42 43 44 46 48 51 56 65 69 70 73 76

**39. Anthocharis gruneri Herrich-Schäffer,[1851]** (Pieridae) Synonym(s): *gruneri Herrich-Schäffer,[1851]*; #diluta Röber,1907; eros Röber,1907 Range (in codes): AM BG GR **IL** Js Pa **IQ** IR By Elb Th Lo **LB** MK **SY TR** Cc GG Bjo AZ Nv Ord Distribution in Turkey (in codes): 01 02 03 04 05 06 07 12 13 21 24 25 27 29 30 31 32 33 35 36 38 42 43 44 45 46 47 50 51 56 58 60 62 65 66 70 71 73 76

Anthocharis gruneri armeniaca Christoph,1893 (Pieridae) Synonym(s): armeniaca Christoph,1893 Range (in codes): Cc AM GG Bjo AZ Nv Ord IQ IR By Elb Th Lo TR Distribution in Turkey (in codes): 04 12 13 24 25 29 30 36 62 65 73 76

**Anthocharis gruneri gruneri Herrich-Schäffer,[1851]** (Pieridae) Synonym(s): *gruneri Herrich-Schäffer,[1851]*; #diluta Röber,1907; eros Röber,1907 Range (in codes): He **IL** Js Pa **LB SY TR** Distribution in Turkey (in codes): 01 02 03 05 06 07 27 31 32 33 35 38 42 43 44 45 46 50 51 58 60 66 70 71

Anthocharis gruneri homogena Heyne, 1895 (Pieridae) Synonym(s): homogena Heyne, 1895 Range (in codes): TR Distribution in Turkey (in codes): 21 47 56

**Anthocharis gruneri parnassia Bernardi,1970** (Pieridae) Synonym(s): parnassia Bernardi,1970 Range (in codes): GR TR Distribution in Turkey (in codes): 45

**Euchloe Hübner,[1819]** (Pieridae) Synonym(s): Euchloe Hübner,[1819]; Phyllocharis Schatz,[1886] nec Dalman,1824

Euchloe (Elphinstonia) Klots,1930 (Pieridae) Synonym(s): Elphinstonia Klots,1930

**40.** Euchloe (Elphinstonia) charlonia (Donzel,1842) (Pieridae) Synonym(s): charlonia Donzel,1842; elizabethae Hemming,1932. Range (in codes): SD TD Cn ES Grn Hue DZ TN LY MA Agd EG Sn **JO SY** SA

**Euchloe (Elphinstonia) charlonia charlonia (Donzel,1842)** (Pieridae) Synonym(s): charlonia Donzel,1842; elizabethae Hemming,1932. Range (in codes): SD TD Cn ES Grn Hue DZ TN LY MA Agd EG Sn **JO SY** SA

**41. Euchloe (Elphinstonia) penia (Freyer,[1852])** (Pieridae) Synonym(s): *penia Freyer,[1852]; mesopotamica Baker,1889.* Range (in codes): **IL** Pa He BG GR MK **TR SY LB IQ** Kbl Ukh IR Zj Distribution in Turkey (in codes): 01 02 03 06 07 15 17 24 25 26 31 32 33 38 40 42 43 44 46 51 58 59 62 65 69 70 71

**Euchloe (Elphinstonia) penia penia (Freyer,[1852])** (Pieridae) Synonym(s): *penia Freyer,[1852]; mesopotamica Baker,1889.* Range (in codes): **IL** Pa He **TR SY LB IQ** Kbl Ukh Distribution in Turkey (in codes): 01 02 03 06 07 15 17 24 25 26 31 32 33 38 40 42 43 44 46 51 58 59 62 65 69 70 71

**42. Euchloe (Elphinstonia) transcaspica (Staudinger,[1892])** (Pieridae) Synonym(s): transcaspica Staudinger,[1892] Range (in codes): **IQ** Dy Qg Jd IR OM Fa Bu Hz Elb Kp TM

**Euchloe (Elphinstonia) transcaspica amseli Gross & Ebert,1975** (Pieridae) Synonym(s): amseli Gross & Ebert,1975 Range (in codes): **IQ** Dy Qg Jd IR Fa Bu Hz OM

**Euchloe (s.str.)** Hübner,[1819] (Pieridae) Synonym(s): Euchloe Hübner,[1819]; Phyllocharis Schatz,[1886] nec Dalman,1824

**43.** Euchloe (s.str.) aegyptiaca Verity,[1911] (Pieridae) Synonym(s): aegyptiaca Verity,[1911] Range (in codes): EG JO LY SA

**Euchloe (s.str.) aegyptiaca aegyptiaca Verity,[1911]** (Pieridae) Synonym(s): aegyptiaca Verity,[1911] Range (in codes): EG **JO** LY SA

**44. Euchloe (s.str.) ausonia (Hübner,[1804])** (Pieridae) Synonym(s): *ausonia Hübner,[1804]*; *marchandae Geyer,[1832]*. Range (in codes): Aa AF AL Cc AM Ao At AZ Ba BE BG B-H Bs BY CH Cm CN Co Cr FR GG GR HV **IL IQ** IR IT **JO** KG Kp Ku Ky **LB** LY MK Mn Or Rd RO RU Si Sm Sp Sr SS **SY** Tk Syr Tm TM **TR** T-S UA Ui Uk YU Mt Ko Slv Skp Vrn Rg Rtc TrA Aa Sau Tar DsA Mrk Nym Ktm **CY** Fa Lo Elb Th Zj Distribution in Turkey (in codes): 01 02 03 04 05 06 07 09 10 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 50 51 54 56 58 60 62 63 65 66 68 70 71 73 74 76 77 78 80

**Euchloe (s.str.) ausonia taurica Röber,[1907]** (Pieridae) Synonym(s): belia Cramer,[1782] nec Linn.,1767; simplonia Freyer,1829 nec Boisd.,1828; #philippsi Rudolph,1906; #taurica Röber,[1907]; melisande Fruhstorfer,1908; #graeca Verity,[1909]; #persica Verity,[1909]; #originalis Rothschild,1917; verityi Riley,1921; kastellorisi Katt. & Koutsaftikis,1978 Range (in codes): He IL Ae AL AM AZ BG B-H CY Cr Cc GG GR HV IQ IR Fa Lo Zj **JO** MK Rd SS **TR** YU Mt Ko Slv Skp Vrn Rg Rtc **SY** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 09 10 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 50 51 54 56 58 60 62 63 65 66 68 70 71 73 74 76 77 78 80

**45. Euchloe (s.str.) belemia (Esper,[1800])** (Pieridae) Synonym(s): belemia Esper,[1800]; glauce Freyer,[1848] Range (in codes): Bl Cn Cy DZ EG ES IL Pa Hf IQ IR Bu Kz JO KW LB LY MA MT PK PT SA SY TN TR YE Cz Mlg Hv Svl Cd Grn Jae Alm Mu Mu18 Alc Cue Ter Mdr Val Gu Bgs Distribution in Turkey (in codes): 01 27 31 33 63

**Euchloe (s.str.) belemia palaestinensis Röber,[1907]** (Pieridae) Synonym(s): #palaestinensis Röber,[1907]; moslemi Seyer,1988. Range (in codes): EG KW SA YE **LB TR** He **IL** Pa Hf **JO** IR Kz Bu Bl **IQ** PK Distribution in Turkey (in codes): 01 27 31 33 63

**46.** Euchloe (s.str.) crameri Butler,1869 (Pieridae) Synonym(s): crameri Butler,1869 Range (in codes): ES FR IT PT MA DZ TN LY SY Cy EG JO Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm

**Euchloe (s.str.) crameri lybica Turati,1917** (Pieridae) Synonym(s): *lybica Turati,1917*; *syrtica Turati,1924*. Range (in codes): LY Cy EG **JO SY** 

**47.Euchloe (s.str.) falloui (Allard,1867)** (Pieridae) Synonym(s): falloui Allard,1867; seitzi Röber,1907; lucida Sheljuzhko,1914; choumovitschi Schneeur,1935.
Hi
Range (in codes): IL MA SA SO DZ TN LY EG **JO** SA34 SA50

Zegris Boisduval, 1836 (Pieridae) Synonym(s): Zegris Boisduval, 1836; Zegris Rambur, [1837].

**48.** Zegris eupheme (Esper,[1804]) (Pieridae) Synonym(s): eupheme Esper,[1804]; erothoe Eversmann,1832; tschudica Herrich-Schäffer,[1851]. Range (in codes): Cc AM At AZ CN DsA ES Mu Mu18 GG IQ Fat Qg Jd IR Ab Ak Zj Kz Fa Ha JO KG Ku MA Mn Nym Rk RU SA Sm Sp Sr TR TrA DsA Ui Uk Vl T-S SY Mu Lda Hue Mlg Sma Snv Sor Vcl Zg Bgs Bar Alc Act Abr Mdr Cue Ter Cas Gu Seg Tol CRe Jae Grn Alm Av Trg UA Cm Distribution in Turkey (in codes): 01 04 05 06 07 11 18 24 25 30 31 32 33 36 38 42 44 46 50 51 58 60 65 71 73 76

**Zegris eupheme dyala Peile,1921** (Pieridae) Synonym(s): *dyala Peile,1921* Range (in codes): **IQ** Qg Jd IR Kz Fa

**Zegris eupheme menestho (Ménétriés,1832)** (Pieridae) Synonym(s): *menestho Ménétriés,1832;* harandi Back, Karbalaye, Leestmans, Hofmann,2005 Range (in codes): Cc AM AZ GG **TR** IR Ab Ak Zj Ha Distribution in Turkey (in codes): 01 04 05 06 07 11 18 24 25 30 31 32 33 36 38 42 44 46 50 51 58 60 65 71 73 76

Zegris eupheme tigris Riley,1921 (Pieridae) Synonym(s): tigris Riley,1921 Range (in codes): IQ Fat JO SY

Zegris eupheme uarda Hemming,1929 (Pieridae) Synonym(s): uarda Hemming,1929 JO

**Aporia Hübner,[1819]** (Pieridae) Synonym(s): *Aporia Hübner,[1819]*; *Leuconea Donzel,1837*. **Aporia (s.str.) Hübner,[1819]** (Pieridae) Synonym(s): *Aporia Hübner,[1819]*; *Leuconea Donzel,1837*.

49. Aporia (s.str.) crataegi (Linnaeus,1758) (Pieridae) Synonym(s): crataegi Linnaeus,1758; nigronervosus Retzius,1783; minor Verity,1907; basanius Fruhstorfer,1910; crataegiaugusta Verity,1937. Range (in codes): Ae AF AL AM AO At AT AZ Ba BE BG B-H Bs BY Cb CH CN CY CZ DE DK DZ EE ES FI FR GG Gn GR HU HV IL IQ IR IT JP Kg KG KK KP Kr Krl LB LT LU LV MA MK MN NL NO NO Om Or PL Pm PT Rd RO RU Sb SE Si Sj SK Sm So Sr SS SY Sz Ti TJ TM To TR Ts Tt UA Ui Uk Vl Tm T-S Aq Ax Bog Dg DsA DsA Ka Kt Ktm KuA Kw Mn Pp Pw Rk Sp Syr Tar TeA Tk TrA Ze Mt Ko Sjv Sof Ril Slv Rtc Rg Vrn Beo JO Ktn Bn Kp Kh Ab Ak Kz Fa Ke Lo Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Cc Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio Seg San Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Yz TN Kml Bc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 53 54 55 56 58 60 61 62 63 65 66 69 70 71 72 73 74 75 76 78 80 81

**Aporia (s.str.) crataegi augustior Graves,1925** (Pieridae) Synonym(s): *meridionalis Verity,1911 nec Heyne,1895; augustior Graves,1925.* Range (in codes): **CY** He **IL JO LB SY** 

**Aporia (s.str.) crataegi hyalina Röber,1907** (Pieridae) Synonym(s): *hyalina Röber,1907* Range (in codes): Cc **TR** GR MK Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 53 54 55 56 58 60 61 62 63 66 69 70 71 72 73 74 75 76 78 80 81

**Aporia (s.str.) crataegi iranica Forster,1939** (Pieridae) Synonym(s): *iranica Forster,1939* Range (in codes): IR Elb Mz Kp TM Kh Ab Ak TR Distribution in Turkey (in codes): 30 65

Catopsilia Hübner, [1819] (Pieridae) Synonym(s): Catopsilia Hübner, [1819]; Murtia Hübner, [1819]

50. Catopsilia florella (Fabricius,1775) (Pieridae) Synonym(s): florella Fabricius,1775; pyrene Swainson,1821; hyblaea & rhadia Boisduval,1836; marchellina Bertolini,1850; aleurona Butler,1876; rufosparsa Butler,1880; swainsoni Westwood,1881. Range (in codes): AO BF BH BI BJ BW CF CG CI CM Cn DJ DZ EG EH ER ET GA GH GM GO Bio GW IN IQ Jd Fat IR B-A Fa Hz KE LB IL JO CY LK LR LS LY MA ML MR MW MZ NA NE NG OM PK RW SA SL SN SO ST SZ TD TG TN TR TZ UG YE ZA Tva Spb Lj Lpo Mdk Kru Pma Ent Nta Kzu Ptb ZM ZR ZW SD SD91 SD119 Tnga Usa Ani Ate Distribution in Turkey (in codes): 12

Catopsilia florella (Fabricius,1775) (Pieridae) Synonym(s): florella Fabricius,1775; pyrene Swainson,1821; hyblaea & rhadia Boisduval,1836; marchellina Bertolini,1850; aleurona Butler,1876; rufosparsa Butler,1880; swainsoni Westwood,1881. Range (in codes): AO BF BH BI BJ BW CF CG CI CM Cn DJ DZ EG EH ER ET GA GH GM GN GO Bio GW IN IQ Jd Fat IR B-A Fa Hz KE LB IL JO CY LK LR LS LY MA ML MR MW MZ NA NE NG OM PK RW

SA SL SN SO ST SZ TD TG TN **TR** TZ UG YE ZA Tva Spb Lj Lpo Mdk Kru Pma Ent Nta Kzu Ptb ZM ZR ZW SD SD91 SD119 Tnga Usa Ani Ate Distribution in Turkey (in codes): 12

Colias Fabricius, 1807 (Pieridae) Synonym(s): Colias Fabricius, 1807; Eurymus Horsfield, 1829; Coliastes Hemming, 1931; Protocolias Petersen, 1963; Mesocolias Petersen, 1963

Colias (Eriocolias) Watson, 1895 (Pieridae) Synonym(s): Eriocolias Watson, 1895

**51. Colias (Eriocolias) crocea (Fourcroy,1785)** (Pieridae) Synonym(s): *crocea Fourcroy,1785; pyrenaica Groum-Grshimailo,1893.* Range (in codes): AL AM AO AT AZ AZ BA BE BG B-H BY CH CO Cr CY CZ DE DK DZ EG ES FI FR GG GR HG HV **IQ** IR IT Kb Kr **LB** LT LU LY LV MA MK MT NL NO PL PT Rd RO RU SA SE Si SK Sm So Sr SS SY Teb TR TN UA VI YU KG Aq Or Uk VI Bs Cb Kt Rk Cw Dv Smt H-W Sur Ssx Ken Mt Sof Ril Syr Cy Rg Rtc Bgz Vrn Slv Sjv Trb Mkl Mst Ko **JO** He **IL** Ab Ak Fa Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Lug Ple Rio San Seg Sma Sor SvI Ter Tol Trg Val Vcl Zg Zm Pa Hf SA TD SD Agh Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 68 69 70 71 72 73 74 75 76 77 78 79 80 81

Colias (Eriocolias) crocea crocea (Fourcroy,1785) (Pieridae) Synonym(s): crocea Fourcroy,1785; pyrenaica Groum-Grshimailo,1893. Range (in codes): AL AM AO AT AZ Ba BE BG B-H Bw BY CH CO Cr CY CZ DE DK ES FI FR GG GR HG HV IQ IR IT Kr LB LT LU LV MK MT NL NO PL PT Rd RO Rp RU Sa SE Si SK Sm So Sr SS SY TR UA VI YU KG Aq Or Uk VI Bs Cb Kt Rk Cw Dv Smt H-W Sur Ssx Ken Mt Ko Sof Ril Svl Skp Vrn Bgz Syr Cy Rg Rtc Sjv Trb Mkl Mst He IL Pa Hf Ab Ak Fa Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Agh Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 68 69 70 71 72 73 74 75 76 77 78 79 80 81

**52.** Colias (Eriocolias) thisoa Ménétriés,1832 (Pieridae) Synonym(s): thisoa Ménétriés,1832; helena Herrich-Schäffer,[1844]; eos Herrich-Schäffer,[1848]; #ludmilla Schulte,1989. Range (in codes): Cc AM At AZ CN Da GG IR Mz Elb Ab Ak Shh Kb KG KK Kl Kzb Pm RU Sda Shh Teb TJ Tk **TR** T-S Ui Um Kml Al T-A Irt KuA TeA TrA DsA Tar Sau Ktm Klb Distribution in Turkey (in codes): 04 08 25 30 36 53 65 69 73 75 76

Colias (Eriocolias) thisoa shakuhensis Sheljuzhko,1935 (Pieridae) Synonym(s): shakuhensis Sheljuzhko,1935 Range (in codes): IR Mz Elb Ab Ak Shh TR Distribution in Turkey (in codes): 30 73 65

Colias (Eriocolias) thisoa strandiana Sheljuzhko,1935 (Pieridae) Synonym(s): strandiana Sheljuzhko,1935; vera Kotzsch,1935; #viridis Kotzsch,1935; #nigra Kotzsch,1935. Range (in codes): Cc AM TR Distribution in Turkey (in codes): 04 08 25 36 53 69 75 76

# Colias (Neocolias) Berger,1986 (Pieridae) Synonym(s): Neocolias Berger,1986

**53. Colias (Neocolias) aurorina Herrich-Schäffer,[1850]** (Pieridae) Synonym(s): *aurorina Herrich-Schäffer,[1850]* Range (in codes): Cc AM AZ GG Smt Akh Tbl IR Ab Ak Kh Th Ke Kp TM **TR** RU Da Ahy Distribution in Turkey (in codes): 01 03 04 05 06 07 08 13 14 19 21 23 24 25 29 30 32 33 36 37 38 42 46 48 49 50 51 53 56 58 60 61 62 65 66 69 70 75 76 80

**Colias (Neocolias) aurorina aurorina Herrich-Schäffer,[1850]** (Pieridae) Synonym(s): aurorina Herrich-Schäffer,[1850] Range (in codes): Cc AM AZ GG Smt Akh Tbl **TR** IR Ab Ak Distribution in Turkey (in codes): 01 03 04 05 06 07 08 13 14 19 21 23 24 25 29 30 32 33 36 37 38 42 46 48 49 50 51 53 56 58 60 61 62 65 66 69 70 75 76 80

**54.** Colias (Neocolias) caucasica Staudinger,1871 (Pieridae) Synonym(s): caucasica Staudinger,1871; olga Romanoff,1882; anna Gerhard,1882. Range (in codes): BG B-H Cc GG TR Arr MK YU Mt Ko Ril Dur Distribution in Turkey (in codes): 08

Colias (Neocolias) caucasica caucasica Staudinger,1871 (Pieridae) Synonym(s): caucasica Staudinger,1871; olga Romanoff,1882; anna Gerhard,1882. Range (in codes): Cc GG TR Arr Distribution in Turkey (in codes): 08

**55.**Colias (Neocolias) chlorocoma Christoph,1888 (Pieridae) Synonym(s): *chlorocoma Christoph,1888* Range (in codes): Cc AM Arn AZ Alg GG IR Ab Aha Ak **TR** Distribution in Turkey (in codes): 04 13 24 25 29 30 36 38 51 65 69 76

Colias (Neocolias) chlorocoma aladagensis Verhulst,1993 (Pieridae) Synonym(s): aladagensis Verhulst,1993 Range (in codes): TR Distribution in Turkey (in codes): 38 51

Colias (Neocolias) chlorocoma chlorocoma Christoph,1888 (Pieridae) Synonym(s): chlorocoma Christoph,1888 Range (in codes): TR Cc GG AM IR Ab Distribution in Turkey (in codes): 04 13 24 25 29 30 36 65 69 76

- Colias (Neocolias) erate (Esper,[1805]) (Pieridae) Synonym(s): erate Esper,[1805]; afghana O.Bang-Haas,1927 Range (in codes): AF Anj Ao AT At Att Aty Au Ba Bd BG Bqu BY Ci Cp Mre CN CZ Dj Ga GR Hk HU IR LB Kab Kbb KG KK Ku Ld Nu Pag PK PL Pnj RO RU Sem SK Sm So Sr TJ TM TR UA Ui Uk UZ VI YE YU Ser Gj Or Aq Mg Ky Rk Kt Ka Sp Tk Aa Db Tm TrA KuA TeA Ax Na Nym Ktm MK MD CY Syr TW DsA T-S Fa Ab Ak ET SA As SD Distribution in Turkey (in codes): 16 17 22 34 39 60 71
- Colias (Neocolias) erate erate (Esper,[1805]) (Pieridae) Synonym(s): erate Esper,[1805]; afghana O.Bang-Haas,1927 Range (in codes): AF Anj Ao AT At Att Aty Au Ba Bd BG Bqu BY Ci Mre Cp CN CZ Dj Ga GR Hk HU IR Kab Kbb KG KK Ku LB Ld Nu Pag PK PL Pnj RO RU Sem SK Sm So Sr TJ TM TR T-S UA Ui Uk UZ VI YE YU Ser MK Gj Or Aq Mg Ky Rk Kt Ka Sp Tk Aa Db Tm TrA KuA TeA Ax Na Nym Ktm MD CY Syr DsA T-S Fa Ab Ak Distribution in Turkey (in codes): 16 17 22 34 39 60 71
- **57. Colias (Neocolias) libanotica Lederer,1858** (Pieridae) Synonym(s): *libanotica Lederer,1858* Range (in codes): He ALb LB GR IQ Ama IR Mz Gor
- Colias (Neocolias) libanotica libanotica Lederer,1858 (Pieridae) Synonym(s): libanotica Lederer,1858 Range (in codes): He ALb LB IQ Ama
- Colias (s.str.) Fabricius, 1807 (Pieridae) Synonym(s): Colias Fabricius, 1807; Eurymus Horsfield, 1829; Coliastes Hemming, 1931; Protocolias Petersen, 1963; Mesocolias Petersen, 1963
- 58. Colias (s.str.) alfacariensis Ribbe,1905 (Pieridae) Synonym(s): alfacariensis Ribbe,1905 Range (in codes): AL AM AT AZ BE BG B-H BY CH CO CZ DE DK ES FR GB GG GR HU HV IR IT KG KK LT LU MK NL PL RO RU SK SS TM TR UA YU Cw Dv Smt H-W Sur Ssx Ken CN Ui Um MN Ab Ak Gh Th Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 11 13 14 15 16 18 19 20 21 24 25 26 29 32 33 34 35 36 37 38 41 42 43 44 46 48 49 50 51 52 53 58 60 61 62 65 66 67 69 70 71 73 74 76 78 80
- Colias (s.str.) alfacariensis bergeri Reissinger,1989 (Pieridae) Synonym(s): bergeri Reissinger,1989 Range (in codes): Cc TR Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 11 13 14 15 16 18 19 20 21 24 25 26 29 32 33 34 35 37 38 41 42 43 44 46 48 49 50 51 52 53 58 60 61 62 65 66 67 69 70 71 73 74 76 78 80
- Colias (s.str.) alfacariensis fontainei Reissinger,1989 (Pieridae) Synonym(s): fontainei Reissinger,1989 Range (in codes): AM Cc AZ GG IR Nv TR Ab Ak Gh Distribution in Turkey (in codes): 36 75
- **59.** Colias (s.str.) hyale (Linnaeus,1758) (Pieridae) Synonym(s): hyale Linnaeus,1758; #amdensis Verity,[1911]. Range (in codes): AL At AT BE BG B-H BY CH CN CZ DE DJ DK ES EE FI FR GB GG HU HV IT Kb KG KK Kno Kr Ku LT LU LV MK NL PL RO RU SE Sem SK Sm So Sr SS Teb TR Ts T-S UA Ui Vl YU Tt Bs Cb Or Uk Aq Kg Sb Ty Ku Pp Ka Ze Sp Mn Tk Aa No To Om Tar Sau DsA Ket TeA KuA TrA Cw Dv Cc Smt H-W Sur Ssx Ken Mt Ko Irk Kts Bn Amd Grn Ple Nrr Hue Distribution in Turkey (in codes): 08 25 36 75
- Colias (s.str.) hyale hyale (Linnaeus,1758) (Pieridae) Synonym(s): hyale Linnaeus,1758 Range (in codes): AL At AT BE BG B-H Bw BY CH CZ DE DK ES EE FI FR GB GG HU HV IT KK Kr LT LU LV MK NL PL RO RU SE SK Sm So Sr SS TR UA VI YU Tt BS Cb Or Uk Aq Kg Sb Ty Ku Pp Ka Ze Sp Mn Tk Aa No To Om Tar Sau DsA Ket TeA KuA TrA Cw Dv Smt H-W Sur Ssx Ken Mt Ko Kts Grn Cc Ple Nrr Hue Distribution in Turkey (in codes): 08 25 36 75
- Gonepteryx [Leach],[1815] (Pieridae) Synonym(s): Gonepteryx [Leach],[1815]; Rhodocera Boisduval & Leconte,[1830]; Earina Speyer,1839; Eugonepteryx Nekrutenko,1968.
- Gonepteryx (Isogonepteryx) Nekrutenko,1968 (Pieridae) Synonym(s): Isogonepteryx Nekrutenko,1968
- 60. Gonepteryx (Isogonepteryx) cleopatra (Linnaeus,1767) (Pieridae) Synonym(s): cleopatra Linnaeus,1767; balearica Bubacek,1920. Range (in codes): He AL BG B-I Cn Co Cr Cy DZ ES FR GR IL IT LB JO LY MA MT PT Rd Sa Si TN TR SS HV YU Mt CY SY Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Pa Hf Tol Trg Val Vcl Zg Zm Mu18 Sms Distribution in Turkey (in codes): 01 07 09 17 27 31 33 35 45 46 48 59 63 80
- Gonepteryx (Isogonepteryx) cleopatra dalmatica Verity,1908 (Pieridae) Synonym(s): dalmatica Verity,1908 Range (in codes): HV BG GR TR Distribution in Turkey (in codes): 09 17 35 45 48 59
- Gonepteryx (Isogonepteryx) cleopatra taurica (Staudinger,1881) (Pieridae) Synonym(s): taurica Staudinger,1881; palmata Turati,1921. Range (in codes): Cy CY IL Pa He Hf LY TR SY JO Distribution in Turkey (in codes): o1 o7 27 31 33 46 63 80
- Gonepteryx (s.str.) [Leach],[1815] (Pieridae) Synonym(s): Gonepteryx [Leach],[1815]; Rhodocera Boisduval & Leconte,[1830]; Earina Speyer,1839; Eugonepteryx Nekrutenko,1968.

61. Gonepteryx (s.str.) farinosa (Zeller, 1847) (Pieridae) Synonym(s): farinosa Zeller, 1847 (in codes): Ae AL Cc AM AZ BG GG GR IQ IR Elb Es Th Fa Ke LB MK Rd TJ TM Kp TR YU Mt Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 11 13 14 16 17 19 20 21 24 25 26 27 29 30 31 32 33 34 35 36 38 41 42 43 44 46 47 48 50 51 56 58 60 62 65 66 67 68 69 70 71 72 73 76 78 80

Gonepteryx (s.str.) farinosa farinosa (Zeller, 1847) (Pieridae) Synonym(s): Range (in codes): He Ae AL BG GR MK Rd TR YU Mt LB Distribution in Turkey (in codes): 01 07 10 17 Zeller,1847 20 27 31 33 34 35 41 42 46 48 70 80

Gonepteryx (s.str.) farinosa turcirana De Freina,1983 (Pieridae) Synonym(s): turcirana De Range (in codes): Cc AM AZ GG IQ IR Elb Th TJ TM TR Distribution in Turkey (in codes): 02 03 05 06 08 11 13 14 16 19 21 24 25 26 29 30 32 36 38 42 43 44 47 50 51 56 58 60 62 65 66 68 69 70 71 72 73 75 76 78

Gonepteryx (s.str.) rhamni (Linnaeus,1758) (Pieridae) Synonym(s): rhamni Linnaeus,1758; Range (in codes): AL Cc AM Asr AT At AZ Ba BE BG B-H Bl BY CH Cls CN Ui Co CZ DE DK gravesi Huggins,1956. DZ ES FI FR GB Gg GG GR HU HV IE IN **IQ** IR IT Kb KG KK Kp Kr Ku **LB** Ld LT LU LV MA MK NL NO NP Nwf PK Ci PL PT RO RU Rw Sa SE Si SK Sm So Sr SS SY Sz Teb TJ TM TN TR UA Uk UZ VI YU Zi Gj Aq T-S Mu Bn Tk Aa Sp Mn At No To Om Ty Kg Cb Kw Pw Ka Sb Tt So Sau Tar DsA TrA Cw Dv Smt H-W Sur Ssx Ken Mt Ko Sof Rtc Slv Bgz Sjv Trb **LB** Kts MM Gh Mz Elb Th Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 24 25 26 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 52 55 56 60 62 65 66 67 69 71 73 75 76 81 **Gonepteryx (s.str.) rhamni kurdistana De Freina,1990** (Pieridae) Synonym(s): kurdistana

Range (in codes): IQ IR Gh Mz Elb Th TR Distribution in Turkey (in codes): 30 56 65 73

Gonepteryx (s.str.) rhamni miljanowskii Nekrutenko,1966 (Pieridae) Synonym(s): milianowskii Nekrutenko.1966 Range (in codes): Cc GG TR Distribution in Turkey (in codes): 08 29 52 53 61 75

Gonepteryx (s.str.) rhamni rhamni (Linnaeus,1758) (Pieridae) Synonym(s): rhamni Range (in codes): AT Ba BE BG Bw BY CH CZ DE DK FI GB HU IE KG Kr LT LU Linnaeus,1758; gravesi Huggins,1956. LV NL NO PL RO RU SE SK Sm So Sr TR UA Uk Vl YU Gj Aq Sp Mn At Kts No To Om Ty Kg Cb Kw Pw Ka Sb Tt So Sau Tar Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 06 10 11 14 16 18 19 26 34 39 43 67 78

Gonepteryx (s.str.) rhamni transiens Verity,1913 (Pieridae) Synonym(s): transiens Verity,1913 Range (in codes): He IL AL B-H Co ES Mu FR Cc GG GR HV IT LB MK Sa Si SS TR YU Mt Ko Sof Rtc Slv Bgz Sjv Trb SY Distribution in Turkey (in codes): 01 03 04 05 06 07 08 13 15 17 19 24 25 31 32 33 35 36 38 42 44 46 47 48 49 50 51 52 55 60 62 66 69 71 74 76 81

#### **LIBYTHEIDAE**

Libythea Fabricius, 1807 (Libytheidae) Synonym(s): Libythea Fabricius, 1807; Hecaerge Ochsenheimer, 1816; Hypatus Hübner, 1822; Libythaeus Boitard, 1828; Dichora Scudder, 1889.

Libythea (s.str.) celtis (Laicharting,1782) (Libytheidae) Synonym(s): celtis Laicharting,1782 Range (in codes): AL AT BG B-H BW BY CH Cr CY DZ TN ES Mu FR GR HU HV IQ IR Elb IT Kp MK PK Ci Nwf PT RO RU Sa Si SK SS TM TR Cc UA YU TrA Ax Tls KG CN TW JP KP KR T-S Distribution in Turkey (in codes): 01 03 05 06 07 08 09 10 11 13 14 16 17 20 21 23 25 26 27 29 30 31 32 33 34 35 37 38 41 42 43 46 48 52 56 58 60 62 65 66 71 73 76

Libythea (s.str.) celtis celtis (Laicharting,1782) (Libytheidae) Synonym(s): Range (in codes): AL AT BG B-H Bw BY CH Cr CY DZ ES Mu FR GR HU HV IQ IR Elb IT Kp MK PT Laicharting,1782 PK Ci Nwf RO RU Sa Si SK SS TM TR Cc UA YU TrA Ax Tls KG T-S Distribution in Turkey (in codes): 01 03 05 06 07 08 09 10 11 13 14 16 17 20 21 23 25 26 27 29 30 31 32 33 34 35 37 38 41 42 43 46 48 52 56 58 60 62 65 66 71 73 76

# **DANAIDAE**

Danaus Kluk, 1802 (Danaidae) Synonym(s): Danaus Kluk, 1802; Danaida Latreille, 1804; Danais Latreille, 1807; Festivus Crotch,1872; Tasitia Moore,1883; Danaomorpha Kremky,1925; Panlymnas Bryk,1937.

Danaus (Anosia) Hübner,[1816] (Danaidae) Synonym(s): Limnas Hübner,[1806] (rejected; Opinion 278, 1954); Anosia Hübner,[1816]; Panlymnas Bryk,1937.

Danaus (Anosia) chrysippus (Linnaeus,1758) (Danaidae) Synonym(s): Linnaeus,1758; aegyptius Schreber,1759 Range (in codes): Ad AF AL AO As BF BH BI BJ CF CG CI CM Cr CY Dh DZ EG EH ER ES MU ET GA GH GM GN GO BIO GR Rd GW Hd Hj ID IN IQ Dy IR IT JO KE KG KW LB LR LS LY MA  $ML\ MR\ Mu\ MZ\ Nj\ RW\ SA\ Sa\ SD\ SL\ SN\ SO\ ST\ \textbf{SY}\ SZ\ TM\ TN\ \textbf{TR}\ Ci\ Kz\ Ahw\ Hz\ Kru\ ZM\ Bl\ Si\ Cn\ KM\ MG\ Fa\ Kh\ BW$ BZ DJ GW MW MZ NA NE NG RW SC TD TG TZ UG ZA Nta Tva Cap Lpo Spb Mdk Ltr Hgl Ent NWe Mpu Fs Nca Ec ZR ZW Wca Kzu AL As Ptb Tug TH CMa Cm1 Cuo Cuo2 Cuo5 Cuo7 Cuo9 Cu10 Nan Knc Sbu Npt Bnk Ci CN Cp Cr Cu Dh Hd Hj ID IL Pa Hf IN IT KH Kma Kre KW Lh LK MM MT MY Nf Nf Nj NP OM PK Mre BÎ QA SA Sa Sd SI Si SY VN YE PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Lj Gau Pre Mv Est Pma Pf Agh Nia Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga

Sia Sib Siq Sis Stu Tab Taw Tic Slo Wb Jh Wri Ire Wjk Ls Mlc Tim Tnm Bgd Ja Flo Sly Tan Kla Bng Tuk Bnr Sla Kbn Kgr Ben Sl Clc Mhw Kma Mpr Nl HK Lh Sd Cp Oi Chn Ton EGo7 Nst Ths Tnga Usa Ani Etb Distribution in Turkey (in codes): 01 07 20 21 23 33 35 46 48 63

Danaus (Anosia) chrysippus chrysippus (Linnaeus,1758) (Danaidae) Synonym(s): chrysippus Linnaeus,1758; aegyptius Schreber,1759 Range (in codes): Ad AF AL AS AU BH Bl Ci CN Cp Cr Cu CY Dh ES Mu GR Hd Hj ID IL IN IQ Dy IR Kz Ahw Hz IT JO KG KH Kma Kre KW LB Lh LK MM Mre MT MY Nf Nj NP PH PK Bl QA SA Sa Sd SI Si SY TH CMa TM TR VN Fa Kh PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab Taw Tic Slo Agh Bgd Pa Hf Rd Nia Bnk Knc Kgr Ben SI Clc Mhw Kma Mpr Nl HK Lh Sd Cp Oi Chn Ton Cm1 Cuo Cuo2 Cuo5 Cuo7 Cuo9 Cu10 Nan Knc Sbu Npt Bnk Nst Ths Cn MA DZ TN LY EG EG07 Distribution in Turkey (in codes): 01 07 20 21 23 33 35 46 48 63

# **SATYRIDAE** (Plates 8-16)

**Esperarge Nekrutenko,1988** (Satyridae) Synonym(s): Esperia Nekrutenko,1987 nec Hübn.,[1825]; Esperella Nekrutenko,1987 nec Vosmaer,1885; Esperarge Nekrutenko,1988.

**65. Esperarge (s.str.) clymene (Fabricius,1787)** (Satyridae) Synonym(s): #climene Esper,[1783]; clymene Fabricius,1787; boroeas Latreille,1803; synclimene Hübner,[1819]. Range (in codes): AL Cc AZ BG Elb GG GR IQ IR Ab Ak Elb Th Fa Mz RO RU Sm Sr Th TR Vl YU Distribution in Turkey (in codes): 04 05 06 07 08 12 13 16 19 23 24 25 29 30 36 38 40 42 44 46 49 56 58 60 62 65 66 69 71 73 75 76

Esperarge (s.str.) clymene clymene (Fabricius,1787) (Satyridae) Synonym(s): #climene Esper,[1783]; clymene Fabricius,1787; boroeas Latreille,1803; synclimene Hübner,[1819]. Range (in codes): RU TR Distribution in Turkey (in codes): 06

**Esperarge (s.str.) clymene lecerfi (Koçak,1980)** (Satyridae) Synonym(s): *alticola Le Cerf,1913 nec Vrty.,1911; lecerfi Koçak,1980.* Range (in codes): IR Ab Ak Elb Th Fa **IQ** 

**Esperarge (s.str.) clymene valentinae (Miller,1923)** (Satyridae) Synonym(s): *valentinae Miller,1923; tkatshukovi Sheljuzhko,1925.* Range (in codes): IR Elb Mz Th TR Cc AZ Nv Distribution in Turkey (in codes): 04 05 07 08 12 13 16 19 23 24 25 29 30 36 38 40 42 44 46 49 56 58 60 62 65 66 69 71 73 75 76

Kirinia Moore,[1893] (Satyridae) Synonym(s): Kirinia Moore,[1893] Kirinia (Melike) Koçak & Kemal,2002 (Satyridae) Synonym(s): Melike Koçak & Kemal,2002

**66. Kirinia (Melike) roxelana (Cramer,[1777])** (Satyridae) Synonym(s): roxelana Cramer,[1777]; #anatolica Koçak,1989 Range (in codes): Ae AL BG Cc Cm **CY** GR Rd RO RU **LB IQ** IR Lo **TR** UA YU **SY** Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 20 21 22 23 25 26 27 29 30 31 32 33 34 35 38 39 42 43 44 45 46 47 48 49 51 55 56 59 60 62 65 66 71 72 73 78

**Kirinia (Melike) roxelana roxelana (Cramer,[1777])** (Satyridae) Synonym(s): roxelana Cramer,[1777]; #anatolica Koçak,1989 Range (in codes): Ae AL BG Cc Cm CY GR Rd RO RU LB IQ IR Lo TR UA YU SY Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 20 21 22 23 25 26 27 29 30 31 32 33 34 35 38 39 42 43 44 45 46 47 48 49 51 55 56 59 60 62 65 66 71 72 73 78

Lasiommata Westwood, 1841 (Satyridae) Synonym(s): Lasiommata Westwood, 1841

**67.Lasiommata maera (Linnaeus,1758)** (Satyridae) Synonym(s): maera Linnaeus,1758; pandion Poda,1761; hiera Fab.,1777; maja Fuchs,1873; monotonia Schilde,1885; crimea Bang-Haas,1907; atabryris Fruhstorfer,1909. Ae AL Cc AM At Bn AT AZ Ba BE BG B-H Bs BY Cb CH Cr CY CZ DE DK EE ES Mu FI FR GG GR HU HV IL IT KG Kg Kr Kw LB LT LU LV MK Mn NL No NO Om Or PL Pp PT Rd RO RU SE Si SK Sm So Sp Sr SS Tk TR Tt Ty UA Uk Vl YU At Sau Mrk Tar DsA Cb Kg Pp Kw Ty Pw SY Sb T-S Pa Hf CN Ui Mu18 Cc Pja Kis Tbl Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 50 51 52 53 56 57 58 60 61 62 65 66 67 68 71 73 74 75 76 78 80

Lasiommata maera abastumana (Sheljuzhko,1937) (Satyridae) Synonym(s): abastumana Sheljuzhko,1937; #armeniaca Sheljuzhko,1937; #karsiana Sheljuzhko,1937. Range (in codes): Cc GG TR Distribution in Turkey (in codes): 75

**Lasiommata maera gracilis (Sheljuzhko,1937)** (Satyridae) Synonym(s): *gracilis Sheljuzhko,1937*. Range (in codes): Cc GG Tbl TR Distribution in Turkey (in codes): 36

**Lasiommata maera orientalis (Heyne,[1894])** (Satyridae) Synonym(s): orientalis Heyne,[1894]. Range (in codes): He **CY IL** Pa Hf **LB TR** Cc **SY** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 50 51 52 53 56 57 58 60 61 62 65 66 67 68 71 73 74 76 78 80

Lasiommata maera silymbria (Fruhstorfer,1909) (Satyridae) Synonym(s): silymbria Fruhstorfer,1909. Range (in codes): BG HV MK TR?

**68.** Lasiommata megera (Linnaeus,1767) (Satyridae) Synonym(s): megera Linnaeus,1767; caledonia Verity,1911; alticola Verity,1911; pseudoadrasta Stauder,1922; infrapallens Verity,1922; ocellatior Verity,1923; pallidedepulverata Verity,1923. Range (in codes): Ae AL AT BE BG B-H BY CH Co Cr CY CZ DE DK EE ES Mu Mu18 FI FR GB GR HU HV IE IL IQ Dy IR IT Kp Kr LB LT LU LV MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr SS SY TM TR Cc JO UA VI YU Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 01 02 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 27 28 30 31 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 55 56 57 58 59 60 62 63 65 66 67 70 71 72 73 74 75 76 77 80

**Lasiommata megera transcaspica (Staudinger,1901)** (Satyridae) Synonym(s): megaerina Herrich-Schäffer,[1851]; transcaspica Staudinger,1901; emilyssa Verity,1919; iranica Riley,1921; #transcaspia Seven,2006 Range (in codes): He Ae BG **CY** GR **JO IL IQ** Dy IR Kp **LB** MK Rd **SY** TM **TR** Cc Distribution in Turkey (in codes): 01 02 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 27 28 30 31 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 55 56 57 58 59 60 62 63 65 66 67 70 71 72 73 74 75 76 77 80

**69.** Lasiommata menava Moore,1865 (Satyridae) Synonym(s): menava Moore,1865. Range (in codes): T-S AF Bl Ch Ci Gg Hp IN IQ IR Ab Ak Elb Fa Ke Yz Knw Kp Ld PK TJ TM TR KK KG Ax Syr Tm Distribution in Turkey (in codes): 30 65 73

**Lasiommata menava menava Moore,1865** (Satyridae) Synonym(s): *menava Moore,1865*. Range (in codes): T-S AF Bl Ch Ci Gg Hp IN **IQ** IR Knw Kp Yz Ld PK TJ TM **TR** KK KG Ax Syr Tm Distribution in Turkey (in codes): 30 65 73

**70.** Lasiommata petropolitana (Fabricius,1787) (Satyridae) Synonym(s): petropolitana Fabricius,1787; ominata Krulikovsky,1903; calidia Fruhstorfer,1908; parvalpestris Verity,1929. Range (in codes): AL AT Ba BG BY CH CZ DE DK EE ES FI FR GR HU Ir IT LT LV NO PL RO RU SE SK **TR** UA YU Da Cc Sb Ya MN Am Ur At Bn Kts Nym Ktm Mkk Sau Tar Tt Bs Or Cb Kg Pw Om Sp Tk Mn No To Distribution in Turkey (in codes): 05 06 08 14 18 24 25 29 37 39 60 75 81

Lasiommata petropolitana petropolitana (Fabricius,1787) (Satyridae) Synonym(s): petropolitana Fabricius,1787; ominata Krulikovsky,1903; calidia Fruhstorfer,1908; parvalpestris Verity,1929. Range (in codes): AL AT Ba BG Bw BY CH CZ DE DK EE ES FI FR GR HU Ir IT LT LV NO PL RO RU SE SK TR UA YU Da Cc Sb Ya MN Am Ur At Bn Nym Ktm Mkk Sau Tar Tt Bs Or Cb Kg Pw Om Sp Tk Mn No To Kts Distribution in Turkey (in codes): 05 06 08 14 18 24 25 29 37 39 60 75 81

Pararge Hübner, [1819] (Satyridae) Synonym(s): Pararge Hübner, [1819]

**71. Pararge aegeria (Linnaeus,1758)** (Satyridae) Synonym(s): aegeria Linnaeus,1758; meone Cramer,1782; egeria Ochsenheimer,1807; sardoa Verity,1908. Range (in codes): Ae AL AM AT AZ Ba BE BG BY Cc CH Co Cr CY CZ DE DK DZ EE ES Mu Mu18 FI FR GB GG GR HU IE IT LB LT LU LV MA MT NL NO PL PT RO RU Sa SE Si SK Sm Sr TN TR UA VI YU Sr Or Bs Tt Cw Dv Smt H-W Sur Ssx Ken SY IQ IR Distribution in Turkey (in codes): 01 05 06 07 08 09 11 13 14 15 16 17 18 20 21 25 26 27 28 29 30 31 32 33 34 35 38 39 41 42 44 46 47 48 52 53 55 56 60 61 67 73 74 75 77 81

Pararge aegeria (Linnaeus,1758) (Satyridae) Synonym(s): aegeria Linnaeus,1758; meone Cramer,1782; egeria Ochsenheimer,1807; sardoa Verity,1908. Range (in codes): He Ae AL BG Co Cr CY DZ ES Mu Mu18 FR GR IL Pa IT LB MA MT PT Sa Si SY TN TR IQ Distribution in Turkey (in codes): 01 07 09 13 15 20 21 26 27 31 33 35 38 39 42 44 46 47 48 56

Pararge aegeria tircis (Godart,1821) (Satyridae) Synonym(s): tircis Godart,1821; egerides Staudinger,1871; camoena Fruhstorfer,1908; elegantia Fruhstorfer,1909; occidentalis Lempke,1957. Range (in codes): IR AM AT AZ BE BW BY Cc CH CZ DE DK EE FI FR GB GG HU IE IT LT LU LV NL NO PL RO Rp RU SE SK TR UA YU Sr Or Bs Tt Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 05 06 08 11 14 16 17 18 21 25 28 29 30 32 34 35 41 42 52 53 55 60 61 67 73 74 75 77 81

Aphantopus Wallengren, 1853 (Satyridae) Synonym(s): Aphantopus Wallengren, 1853

**72.Aphantopus hyperantus (Linnaeus,1758)** (Satyridae) Synonym(s): hyperantus Linnaeus,1758; arete Müller,1764; vidua Müller,1764; tristan Retzius,1783; sajanus O.Bang-Haas,1906. Range (in codes): AL At Kts Bn AT Ba BE BG BY CH CZ DE DK EE ES FI FR GB GR TR HU IE IT LT LU LV MN NL NO PL RO RU SE SK Sm So Sr UA YU Cw Dv Smt H-W Sur Ssx Ken Sb Am KP CN Mc Distribution in Turkey (in codes): 39

**Aphantopus hyperantus hyperantus (Linnaeus,1758)** (Satyridae) Synonym(s): hyperantus Linnaeus,1758; arete Müller,1764; vidua Müller,1764; tristan Retzius,1783; sajanus O.Bang-Haas,1906. Range (in codes): AL At Kts Bn AT Ba BE BG Bw BY CH CZ DE DK EE ES FI FR GB GR TR HU IE IT LT LU LV MN NL NO PL RO Rp RU SE SK Sm So Sr UA YU Cw Dv Smt H-W Sur Ssx Ken Sb Am KP CN Mc Distribution in Turkey (in codes): 39

Coenonympha Hübner,[1819] (Satyridae) Synonym(s): Coenonympha Hübner,[1819]; Chortobius [Dunning & Pickard],1859; Sicca Verity,1953

73. Coenonympha (s.str.) arcania (Linnaeus,1761) (Satyridae) Synonym(s): arcania Linnaeus,1761; amyntas Poda,1761; cephalus Fourcroy,1785; naidion Borkhausen,1788; huebneri Oberthür,1910; saleviana Fruhstorfer,1910; triumpans Fruhstorfer,1910; caucasica Jachontov,1914; fulvosatura Verity,1935. Range (in codes): Co F20 Sa El Si Cr AL AT Ba BE BG BY CH CZ DE DK EE ES FR GR HU IT Kr LT LU LV NL NO PL PT RO RU SE SK Sm So Sr TR Cc UA Vl YU Bs Or Tt Cb Distribution in Turkey (in codes): 03 05 06 08 10 14 16 17 18 25 26 29 31 34 36 37 39 42 43 52 55 57 58 60 66 67 75 76 78 81

Coenonympha (s.str.) arcania arcania (Linnaeus,1761) (Satyridae) Synonym(s): arcania Linnaeus,1761; amyntas Poda,1761; cephalus Fourcroy,1785; naidion Borkhausen,1788; huebneri Oberthür,1910; saleviana Fruhstorfer,1910; triumpans Fruhstorfer,1910; caucasica Jachontov,1914; fulvosatura Verity,1935. Range (in codes): Co F20 Sa El Si Cr AL AT Ba BE BG Bw BY CH CZ DE DK EE FR GR HU IT Kr LT LU LV NL NO PL RO Rp RU SE SK Sm So Sr TR Cc UA VI YU Bs Or Tt Cb Distribution in Turkey (in codes): 03 05 06 08 10 14 16 17 18 25 26 29 31 34 36 37 39 42 43 52 55 57 58 60 66 67 75 76 78 81

74.Coenonympha (s.str.) glycerion (Borkhausen,1788) (Satyridae) Synonym(s): iphis [Denis & Schiffermüller],1775 nec Dru.,1773; amyntas auctorum; glycerion Borkhausen,1788; hero Fabricius,1793 nec Linnaeus,1761; manto Schrank,1801; mandane Kirby,1862; tiphonides Staudinger,1901. Range (in codes): AT Kts Aty Ba BE BG BY CH CN CZ DE EE ES FI FR GR HU IT LT LV MN PL RO RU SK Sm So Sr TR Cc UA Ui Vl YU Uk Or Bs Cb Kg Om At Bn Kw Pp KG Kb KG Mn No Sau Tar Sp Nym Bkb Cm IR Ab Distribution in Turkey (in codes): 04 08 24 25 29 30 36 65 69 76

Coenonympha (s.str.) glycerion glycerion (Borkhausen,1788) (Satyridae) Synonym(s): iphis [Denis & Schiffermüller],1775 nec Dru.,1773; amyntas auctorum; glycerion Borkhausen,1788; hero Fabricius,1793 nec Linnaeus,1761; manto Schrank,1801; mandane Kirby,1862; tiphonides Staudinger,1901. Range (in codes): AT Ba BE BG BW BY CH CZ DE EE ES FI FR GR HU IT LT LV PL RO RU SK Sm So Sr TR Cc UA VI YU Uk Or Bs Cb Kg Om Kw Pp KG Sp Nym Bkb IR Ab Distribution in Turkey (in codes): 04 08 24 25 29 30 36 65 69 76

**75. Coenonympha (s.str.) leander (Fabricius,1787)** (Satyridae) Synonym(s): #leander Esper,[1784]; leander Fabricius,1787 Range (in codes): AL Ba BG GR RO RU Sr **TR** Cc Vl YU Bs Or Uk IR Elb Th Ak Gh TM Kp Distribution in Turkey (in codes): 03 04 05 06 07 08 13 16 24 25 29 30 36 42 51 60 65 69 76

Coenonympha (s.str.) leander dierli Koçak,1977 (Satyridae) Synonym(s): dierli Koçak,1977 Range (in codes): TR Distribution in Turkey (in codes): 51

Coenonympha (s.str.) leander leander (Fabricius,1787) (Satyridae) Synonym(s): #leander Esper,[1784]; leander Fabricius,1787 Range (in codes): AL Ba BG RO RU Sr TR Cc Vl YU Bs Or Uk Distribution in Turkey (in codes): 03 04 05 06 07 08 13 16 24 25 29 30 36 42 60 65 69 76

**76. Coenonympha (s.str.) pamphilus (Linnaeus,1758)** (Satyridae) Synonym(s): pamphilus Linnaeus,1758; menalcas Poda,1761; nephele Hufnagel,1766; marginata Heyne,1894; orantia Fruhstorfer,1908; scota Verity,1911; infrarasa Verity,1926; juldusica Verity,1926; asiaemontium Verity,1926; euxina Verity,1926; posteuxina Verity,1926; londonii Verity,1926; neolyllus De Lattin,1950 Range (in codes): Aa AL AM Ao Aq AT Aty AZ Ba BE BG B-H Bs BY Cb CH CN Co CZ Db DE Dg DK EE ES Fe FI FR Ga GB GG GR HU HV **IQ** IR IT Ju KG Kg KK Kr Ku Kw Ky **LB** LT LU LV MK Mn NL NO Or PL Pp Psa PT Pw Rk RO RU Sa SE Si SK Sm So Sp Sr SS Tk Tm TM **TR** T-S Tt UA Ui Uk UZ Vl YU Mu DZ IE MA MT Om TN Ty DsA Tar Sau Tar TrA Mrk Cw Dv Smt H-W Sur Ssx Ken At Bn **SY** Elb Kp Ab Ak Ha Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 73 74 75 76 77 78 81

Coenonympha (s.str.) pamphilus pamphilus (Linnaeus,1758) (Satyridae) Synonym(s): pamphilus Linnaeus,1758; menalcas Poda,1761; nephele Hufnagel,1766; marginata Heyne,1894; orantia Fruhstorfer,1908; scota Verity,1911; infrarasa Verity,1926; juldusica Verity,1926; asiaemontium Verity,1926; euxina Verity,1926; posteuxina Verity,1926; londonii Verity,1926; neolyllus De Lattin,1950 Range (in codes): Aa AL AM Ao Aq AT Aty AZ Ba BE BG B-H Bs BY Cb CH CN Co CZ Db DE Dg DK EE ES Fe FI FR Ga GB GG GR HU HV IQ IR IT Ju KG Kg KK Kr Ku Kw Ky LB LT LU LV MK Mn NL NO Or PL Pp Psa PT Pw Rk RO RU Sa SE Si SK Sm So Sp Sr SS Tk Tm TM TR T-S Tt UA Ui Uk UZ VI YU DZ IE MA MT Om TN Ty DsA Tar Sau Tar TrA Mrk Cw Dv Smt H-W Sur Ssx Ken At Bn SY Elb Kp Ab Ak Ha Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 73 74 75 76 77 78

**77. Coenonympha (s.str.) saadi (Kollar,[1849])** (Satyridae) Synonym(s): *saadi Kollar,[1849]; iphias Eversmann,1851.* Range (in codes): Cc AM IR Zj Fa Elb Th **TR IQ** Distribution in Turkey (in codes): 02 12 13 21 23 25 27 30 44 46 47 56 58 62 63 65 72 73

Coenonympha (s.str.) saadi iphias (Eversmann,1851) (Satyridae) Synonym(s): *iphias Eversmann,1851; mesopotamica Staudinger,[1894]* Range (in codes): TR Cc AM IR Ab Zj IQ Distribution in Turkey (in codes): 02 12 13 21 23 25 27 30 44 46 47 56 58 62 63 65 72 73

**78.** Coenonympha (s.str.) symphita Lederer,1870 (Satyridae) Synonym(s): symphita Lederer,1870; karsiana Sheljuzhko,1919 Range (in codes): BG Cc GG Smt Akh **TR** Distribution in Turkey (in codes): 04 08 25 36 75 76

Coenonympha (s.str.) symphita symphita Lederer,1870 (Satyridae) Synonym(s): symphita Lederer,1870; karsiana Sheljuzhko,1919 Range (in codes): Cc GG Smt Akh TR Distribution in Turkey (in codes): 04 08 25 36 75 76

Triphysa Zeller, 1850 (Satyridae) Synonym(s): Triphysa Zeller, 1850

**79. Triphysa phryne (Pallas,1771)** (Satyridae) Synonym(s): *phryne Pallas,1771* Range (in codes): Ao At Bn Ba CN Ir KG Kl RU Sm Sr **TR** Cc T-S Ui Uk Vl Gj Aq Sp Bkb Ktm Sau Mrk Tar DsA TrA Aa Tk Mn Distribution in Turkey (in codes): 04 76

**Triphysa phryne (Pallas,1771)** (Satyridae) Synonym(s): *phryne Pallas,1771* Range (in codes): Ao At Bn Ba Ir KG RU Sm Sr **TR** Cc Uk Vl Gj Aq Sp Bkb Ktm Sau Mrk Tar DsA TrA Aa Tk Mn T-S in Turkey (in codes): 04 76

**Erebia Dalman,1816** (Satyridae) Synonym(s): Erebia Dalman,1816; Epigea Hübner,1819; Phorcis Hübner,1819; Syngea Hübner,1819; Marica Hübner,1819; Oreina Humphrey & Westwood,1841 nec Chevr.,1835; Medusia Verity,1953; Triariia Verity,1953; Simplicia Verity,1953 nec Gn.,1854; Truncaefalcia Verity,1953; Simplospinosia Verity,1957

80. Erebia aethiops (Esper,[1777]) (Satyridae) Synonym(s): aethiops Esper,[1777]; ligea Poda,1761 nec Linnaeus,1758; medea Denis & Schiff,,1775; blandina Fabricius,1787; media Hübner,1799; caledonia Verity,1911; altivaga Fruhstorfer,1917; sapaudia Fruhstorfer,1917; peneplana Berger,1936. Range (in codes): At Kts Bn Ur AT Ba BE BG BY CH CZ DE FR GB Cc GG AZ AM GR HU IT Kr LT LU LV NL PL RO RU SK Sm So Sr TR UA YU KG Sp Mn CN Ui Distribution in Turkey (in codes): 05 08 14 18 25 29 36 37 52 53 55 57 60 61 74 75 76 77 78

**Erebia aethiops (Esper,[1777])** (Satyridae) Synonym(s): aethiops Esper,[1777]; ligea Poda,1761 nec Linnaeus,1758; medea Denis & Schiff.,1775; blandina Fabricius,1787; media Hübner,1799; caledonia Verity,1911; altivaga Fruhstorfer,1917; sapaudia Fruhstorfer,1917; peneplana Berger,1936. Range (in codes): At Kts AT Ba BE BG Bw BY CH CZ DE FR GB GR HU IT Kr LT LU LV NL PL RO Rp RU SK Sm So Sr **TR** Cc UA YU KG Sp Mn CN Ui Distribution in Turkey (in codes): 14 18 37 55 57 60 77 78

**Erebia aethiops melusina Herrich-Schäffer,[1847]** (Satyridae) Synonym(s): *melusina Herrich-Schäffer,[1847]* Range (in codes): AZ AM GG Cc RU **TR** Distribution in Turkey (in codes): 05 08 25 29 36 37 52 53 61 74 75 76

- **81.Erebia graucasica Jachontov,1909** (Satyridae) Synonym(s): graucasica Jachontov,1909; caucasica Korshunov, Antonova & Kotshetova,1984. Range (in codes): IR Ak RU **TR** Cc GG Distribution in Turkey (in codes): 08 25 29 53 60 69 75
- **Erebia graucasica transcaucasica B.C.S.Warren,1950** (Satyridae) Synonym(s): transcaucasica B.C.S.Warren,1950 Range (in codes): Cc GG TR Distribution in Turkey (in codes): 08 25 29 53 60 69
- **82. Erebia hewitsonii Lederer,1864** (Satyridae) Synonym(s): hewitsonii Lederer,1864 Range (in codes): Cc GG Aba Smt Akh TR Distribution in Turkey (in codes): 08 25 29 53 61 75 **Erebia hewitsonii Lederer,1864** (Satyridae) Synonym(s): hewitsonii Lederer,1864

Range (in codes): Cc GG Aba Smt Akh TR Distribution in Turkey (in codes): 08 25 29 53 61 75

- 83. Erebia iranica Groum-Grshimailo,1895 (Satyridae) Synonym(s): iranica Groum-Grshimailo,1895 Range (in codes): IR Elb TR Cc RU Kc Teb GG Kzb Distribution in Turkey (in codes): 04
  Erebia iranica dromulus Staudinger,1901 (Satyridae) Synonym(s): dromulus Staudinger,1901
  Range (in codes): TR Arr Cc GG Kzb Distribution in Turkey (in codes): 04
- **84. Erebia ligea (Linnaeus,1758)** (Satyridae) Synonym(s): *ligea Linnaeus,1758; alexis Retzius,1783 nec Poda,1761; permagna Fruhstorfer,1909; carthusianorum Fruhstorfer,1909.* Range (in codes): AL At Kts AT BE BG BY CH CZ DE DK EE FI FR GR HU IT LT LV NL NO PL RO RU SE SK Sr **TR** UA YU RU Or Sm Bs Cb Tt So Sb Ty Om To No Pr KG Sp Mn MN Sj Bry Tv Ya Mgd JP CN Ui
- 85. Erebia medusa ([Denis & Schiffermüller],1775) (Satyridae) Synonym(s): medusa [Denis & Schiffermüller],1775 Range (in codes): AL AT Ba BE BG BY CH CZ DE EE FR GR HU IT LU MN NL PL RO RU Sb SK Sm So Sr TR Cc UA YU LAT Wn Distribution in Turkey (in codes): 06 08 14 18 25 29 34 36 37 60 61 67 69 74 75 76 78
- **86.** Erebia melancholica Herrich-Schäffer,[1846] (Satyridae) Synonym(s): melancholica Herrich-Schäffer,[1846]; promethea Tschetverikov,1937. Range (in codes): TR Arr Cc GG AM Distribution in Turkey (in codes): 08 25 29 53 61 76

**Erebia melancholica melancholica Herrich-Schäffer,[1846]** (Satyridae) Synonym(s): *melancholica Herrich-Schäffer,[1846]*; *promethea Tschetverikov,1937.* Range (in codes): **TR** Arr Cc GG AM Distribution in Turkey (in codes): **08** 25 29 53 61 76

87. Erebia ottomana Herrich-Schäffer,[1847] (Satyridae) Synonym(s): ottomana Herrich-Schäffer,[1847] Range (in codes): AL BG B-H FR GR HV IT MK Mt TR YU Distribution in Turkey (in codes): 16 25 29 37 52 61

**Erebia ottomana ottomana Herrich-Schäffer,[1847]** (Satyridae) Synonym(s): *ottomana Herrich-Schäffer,[1847]* Range (in codes): GR TR Distribution in Turkey (in codes): 16 37

Erebia ottomana ssp. (Satyridae) - Range (in codes): TR Distribution in Turkey (in codes): 25 29 52 61

 $\textbf{Hyponephele Muschamp,1915} \ (Satyridae) \ Synonym (s): \ \textit{Hyponephele Muschamp,1915}$ 

Hyponephele (s.str. (Ereminephele)) Koçak & Kemal,2001 (Satyridae) Synonym(s): Ereminephele Koçak & Kemal,2001

88. Hyponephele (s.str. (Ereminephele)) naricoides Gross,1977 (Satyridae) Synonym(s): naricoides Gross,1977 Range (in codes): TR Cc AM IR Yz Ab Ak Distribution in Turkey (in codes): 04 13 24 30 36 44 58 65

**Hyponephele (s.str. (Ereminephele)) naricoides naricoides Gross,1977** (Satyridae) Synonym(s): naricoides Gross,1977 Range (in codes): **TR** Cc AM IR Yz Ak Ab Distribution in Turkey (in codes): 04 13 24 30 36 44 58 65

Hyponephele (s.str. (Iranonephele)) Koçak & Kemal,2001 (Satyridae) Synonym(s): Iranonephele Koçak & Kemal,2001

89. Hyponephele (s.str. (Iranonephele)) kocaki Eckweiler,1978 (Satyridae) Synonym(s): kocaki Eckweiler,1978 Range (in codes): TR Distribution in Turkey (in codes): 07 30 65

Hyponephele (s.str. (Iranonephele)) kocaki kocaki Eckweiler,1978 (Satyridae) Synonym(s): kocaki Eckweiler,1978 Range (in codes): TR Distribution in Turkey (in codes): 30 65

Hyponephele (s.str. (Iranonephele)) kocaki melesina Weiss & Skala,2000 (Satyridae) Synonym(s): *melesina Weiss & Skala,2000* Range (in codes): TR Distribution in Turkey (in codes): 07

**Hyponephele (s.str. (Tengrinephele)) Koçak & Kemal,2001** (Satyridae) Synonym(s): *Tengrinephele Koçak & Kemal,2001* 

90. Hyponephele (s.str. (Tengrinephele)) cadusia (Lederer,1869) (Satyridae)
Synonym(s): cadusia Lederer,1869 Range (in codes): IR Lo Fa Ab Ak Bk Es Ha Ke Elb Kp TM TR Distribution in Turkey (in codes): 65

**Hyponephele (s.str. (Tengrinephele)) cadusia zerneca Skala,2003** (Satyridae) Synonym(s): *zerneca Skala,2003* Range (in codes): **TR** Distribution in Turkey (in codes): 65

**Hyponephele (s.str. (Turaninephele)) Koçak & Kemal,2001** (Satyridae) Synonym(s): *Turaninephele Koçak & Kemal,2001* 

91. Hyponephele (s.str. (Turaninephele)) urartua De Freina & Aussem,[1987] (Satyridae) Synonym(s): urartua De Freina & Aussem,[1987] Range (in codes): TR Distribution in Turkey (in codes): 25 30 73

Hyponephele (s.str. (Turaninephele)) urartua urartua De Freina & Aussem,[1987] (Satyridae) Synonym(s): urartua De Freina & Aussem,[1987] Range (in codes): TR Distribution in Turkey (in codes): 25 30 73

92. Hyponephele (s.str. (Turaninephele)) wagneri (Herrich-Schäffer,[1846]) (Satyridae) Synonym(s): wagneri Herrich-Schäffer,[1846]; schmidti Bang-Haas,1927. Range (in codes): Bl IQ IR Zj PK TR Arr Distribution in Turkey (in codes): 01 02 07 12 13 21 23 24 27 30 33 44 47 48 50 56 58 62 63 65 70 72 73

Hyponephele (s.str. (Turaninephele)) wagneri wagneri (Herrich-Schäffer,[1846]) (Satyridae) Synonym(s): wagneri Herrich-Schäffer,[1846] Range (in codes): IQ IR Zj TR Arr Distribution in Turkey (in codes): 01 02 07 12 13 21 23 24 27 30 33 44 47 48 50 56 58 62 63 65 70 72 73

Hyponephele (s.str.) Muschamp,1915 (Satyridae) Synonym(s): Hyponephele Muschamp,1915

**93. Hyponephele (s.str.) hasantahsin Koçak & Kemal,2002** (Satyridae) Synonym(s): hasantahsin Koçak & Kemal,2002 Range (in codes): **TR** Distribution in Turkey (in codes): 44

Hyponephele (s.str.) hasantahsin hasantahsin Koçak & Kemal,2002 (Satyridae) Synonym(s): hasantahsin Koçak & Kemal,2002 Range (in codes): TR Distribution in Turkey (in codes): 44

**94. Hyponephele (s.str.) lupina (Costa,[1836])** (Satyridae) Synonym(s): *lupina Costa,[1836]* Range (in codes): At Bn Ae AF AL AM Ao AZ Ba B-H Cr CY CZ DZ ES Mu FR GG GR HU Hr HV **IL IQ** IR IT **JO** KG KK **LB** MA MK MN PK PT Rd RU Si SK Sm Sr SS TJ TM **TR** UA UZ VI YU Uk Aq Ky Syr Tm Db Aa Tk Ka Kt Ty Pw Sp Mn Or Bs Sm Kg Sau Mrk Tar DsA IiD T-S **SY** Tls CN Ui Il Ku Sju Hr Ax Kh Kp Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 55 56 58 60 62 63 64 65 66 67 69 70 71 72 73 76 78 80

**Hyponephele (s.str.) lupina intermedia (Staudinger,1886)** (Satyridae) Synonym(s): intermedia Staudinger,1886; transcaucasica Jachontov,1910; centralis Riley,1921; captus Riley,1921; cypriaca Riley,1921; #lupinulus Turati & Fiori,1930. Range (in codes): SY Rd Koj Bgr Bl He Ae TR CY Cc GG AM AZ IR AF PK IQ IL JO LB Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 55 56 58 60 62 63 64 65 66 67 69 70 71 72 73 76 78 80

95. Hyponephele (s.str.) lycaon (Rottemburg,1775) (Satyridae) Synonym(s): lycaon Rottemburg,1775; #lycaon Kuhn,1774; eudora Esper,1778; janirula Esper,1800; rufomaculata Korb,2005 Range (in codes): AL AO AT BA BG BY CH CN CZ DE EE ES Mu FI FR GR HU Ii IT IQ KG Ku LT LV PL PT RO RU Si SK Sm So Sr TR Cc UA Ui Uk Vl YU SY At Bn Kts Kuz Sau Mrk Tar Ter KuA TrA DsA Ket Ax IL He LB T-S Distribution in Turkey (in codes): 01 02 03 04 07 08 09 11 12 13 14 15 16 20 21 23 24 25 26 27 29 30 32 33 35 36 38 42 43 44 46 47 48 49 50 51 56 60 62 63 65 70 73 75 76 78

**Hyponephele (s.str.) lycaon collina (Röber,1897)** (Satyridae) Synonym(s): *collina Röber,1897; catictera Turati,1909*? Range (in codes): **IQ TR** Cc Distribution in Turkey (in codes): 01 02 03 04 07 08 09 11 12 13 14 15 16 20 21 23 24 25 26 27 29 30 32 33 35 36 38 42 43 44 46 47 48 49 50 51 56 60 62 63 65 70 73 75 76

**Hyponephele (s.str.) lycaon kangal Koçak & Kemal,2002** (Satyridae) Synonym(s): *kangal Koçak & Kemal,2002* Range (in codes): **TR** Distribution in Turkey (in codes): 58

**Hyponephele (s.str.) lycaon libanotica (Staudinger,1901)** (Satyridae) Synonym(s): *libanotica Staudinger,1901* Range (in codes): **IL** He **LB** 

**96. Hyponephele (s.str.) lycaonoides Weiss,1978** (Satyridae) Synonym(s): *lycaonoides Weiss,1978* Range (in codes): IR Lo **TR** Cc AM Nv AZ Distribution in Turkey (in codes): 07 13 65 69 73

**Hyponephele (s.str.) lycaonoides bugrai Koçak,1989** (Satyridae) Synonym(s): *bugrai Koçak,1989* Range (in codes): **TR** Distribution in Turkey (in codes): 69

**Hyponephele (s.str.) lycaonoides buraki Koçak,1989** (Satyridae) Synonym(s): *buraki Koçak,1989* Range (in codes): **TR** Distribution in Turkey (in codes): **o**7

**Hyponephele (s.str.) lycaonoides suati Koçak,1989** (Satyridae) Synonym(s): *suati Koçak,1989* Range (in codes): **TR** Distribution in Turkey (in codes): 13 65 73

**97.Hyponephele (s.str.) zuvandica Samodurov & Koroljev,1996** (Satyridae) Synonym(s): *zuvandica Samodurov & Koroljev,1996; #zuvandi Korb,2000* Range (in codes): Cc AM AZ **TR** IR Ab Distribution in Turkey (in codes): 04 05 06 08 12 13 18 24 25 29 36 37 40 53 58 60 62 65 66 67 69 75 76

Hyponephele (s.str.) zuvandica zuvandica Samodurov & Koroljev,1996 (Satyridae) Synonym(s): zuvandica Samodurov & Koroljev,1996; #zuvandi Korb,2000 Range (in codes): Cc AM AZ TR IR Ab Distribution in Turkey (in codes): 04 05 06 08 12 13 18 24 25 29 36 37 40 53 58 60 62 65 66 67 69 75 76

Idata De Lesse,1952 (Satyridae) Synonym(s): Idata De Lesse,1952

98. Idata cecilia (Vallantin,1894) (Satyridae) Synonym(s): ida Esper,1784 nec Cramer,1775; cecilia Vallantin,1894; aphrodite Hemming,1934. Range (in codes): AL Co DZ ES Mu Mu18 FR GR IT MA PT Sa Si TN TR YU LY Cy Distribution in Turkey (in codes): 05 16 34

Idata cecilia (Vallantin,1894) (Satyridae) Synonym(s): ida Esper,1784 nec Cramer,1775; cecilia Vallantin,1894; aphrodite Hemming,1934. Range (in codes): AL DZ FR GR IT MA PT Sa Si TN TR YU Distribution in Turkey (in codes): 05 16 34

Maniola Schrank, 1801 (Satyridae) Synonym(s): Maniola Schrank, 1801; Epinephele Hübner, [1819].

Maniola (Telmessiola) Koçak & Kemal,2002 (Satyridae) Synonym(s): Telmessiola Koçak & Kemal,2002

99. Maniola (Telmessiola) cypricola (Graves,1928) (Satyridae) Synonym(s): cypricola Graves,1928 Range (in codes): CY

Maniola (Telmessiola) cypricola cypricola (Graves,1928) (Satyridae) Synonym(s): cypricola Graves,1928 Range (in codes): CY

**100. Maniola (Telmessiola) halicarnassus Thomson,1990** (Satyridae) Synonym(s): halicarnassus Thomson,1990 Range (in codes): GR TR Distribution in Turkey (in codes): 48

Maniola (Telmessiola) halicarnassus halicarnassus Thomson,1990 (Satyridae) Synonym(s): halicarnassus Thomson,1990 Range (in codes): GR TR Distribution in Turkey (in codes): 48

101. Maniola (Telmessiola) telmessia (Zeller,1847) (Satyridae) Synonym(s): telmessia Zeller,1847; pallescens Butler,1868; kurdistana Heyne,1894; oreas Le Cerf,1912; maniolides Le Cerf,1912; ornata Turati & Fiori,1930; marenigrans Verity,1938; pelekasii Kattulas & Koutsaftikis,1978. Range (in codes): Ae GR IL Pa Hf IQ IR Km Lo JO LB Rd SY TR Distribution in Turkey (in codes): 01 02 03 07 09 10 12 13 15 17 20 21 23 27 30 31 32 33 35 42 44 45 46 47 48 51 56 62 63 65 70 72 73 80

Maniola (Telmessiola) telmessia telmessia (Zeller,1847) (Satyridae) Synonym(s): telmessia Zeller,1847; pallescens Butler,1868; kurdistana Heyne,1894; oreas Le Cerf,1912; maniolides Le Cerf,1912; ornata Turati & Fiori,1930; marenigrans Verity,1938; pelekasii Kattulas & Koutsaftikis,1978. Range (in codes): He Ae GR IL Pa Hf IQ IR Km Lo JO LB Rd SY TR Distribution in Turkey (in codes): 01 02 03 07 09 10 12 13 15 17 20 21 23 27 30 31 32 33 35 42 44 45 46 47 48 51 56 62 63 65 70 72 73 80

Maniola (s.str.) Schrank, 1801 (Satyridae) Synonym(s): Maniola Schrank, 1801; Epinephele Hübner, [1819].

102. Maniola (s.str.) jurtina (Linnaeus,1758) (Satyridae) Synonym(s): jurtina Linnaeus,1758; janira Linnaeus,1758; lemur Schrank,1801. Range (in codes): Ae AL AM AO AT AZ Ba BE BG B-H Bw BY Cc CH Co Cr CZ DE DK EE ES FI FR GB GG GR HU HV IE IQ IR IT Kr LT LU LV MK MT NL NO PL PT RO RU Sa SE Si SK Sm So Sr SS TM TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken PT Cn MA DZ TN ES MT F66 Sr Sm Or Bs Cb Tt So Ao KG Uk Mu Ab Ak Gh Mz Elb Th Lo Kd Ha Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 74 75 76 77 78 80 81

**Maniola (s.str.) jurtina phormia (Fruhstorfer,1909)** (Satyridae) Synonym(s): phormia Fruhstorfer,1909; persica Le Cerf,1912; ghilanica Le Cerf,1913; corfiothispulla Graves,1933; schweigeri Tauber,1970; strandiana Obraztsov,1936; iranica Thomson,1973; petrii Douma-Petridou, Koutsaftikis & Kokkinou,1986; #phorima Nazari,2003. Range (in codes): Ae AL Cc AM AZ BG B-H GG GR HV IT MK SS TR YU IR Kd Ha Elb Th Ab Ak Gh Mz IQ Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 74 75 76 77 78 80 81

103. Maniola (s.str.) megala (Oberthür,1909) (Satyridae) Synonym(s): megala Oberthür,1909; maraschi Pfeiffer,1932; antalyana Tauber,1970. Range (in codes): GR Le TR Distribution in Turkey (in codes): 01 07 31 33 35 46 48 80

Maniola (s.str.) megala megala (Oberthür,1909) (Satyridae) Synonym(s): megala Oberthür,1909; maraschi Pfeiffer,1932; antalyana Tauber,1970. Range (in codes): GR Le TR Distribution in Turkey (in codes): 01 07 31 33 35 46 48 80

Proterebia Roos & Arnscheid,1980 (Satyridae) Synonym(s): Proterebia Roos & Arnscheid,1980

104. Proterebia afra (Fabricius,1787) (Satyridae) Synonym(s): afra Fabricius,1787 Range (in codes): Ba Cm GR HV IR KG Kr RU Sm So Sp Sr TM Kp Elb TR UA Uk Vl T-S At Bn Nym Ktm Bkb Mrk Sau Tar DsA Ax Db Bog Tk Aa CN Ui Cc AZ Distribution in Turkey (in codes): 02 06 13 23 24 25 32 33 36 38 51 58 66 68 70 71

Proterebia afra afra (Fabricius,1787) (Satyridae) Synonym(s): afra Fabricius,1787 Range (in codes): Ba KG Kr RU Sm So Sp Sr TR Cc Uk Vl Distribution in Turkey (in codes): 02 06 13 23 24 25 32 33 36 38 51 58 66 68 70 71

Pyronia Hübner, [1819] (Satyridae) Synonym(s): Pyronia Hübner, [1819]; Pasiphana De Lesse, 1952.

105. Pyronia tithonus (Linnaeus,1771) (Satyridae) Synonym(s): tithonus Linnaeus,1771;tiphon Kühn,1774;pilosellae Fabricius,1775; herse Denis & Schiffermüller,1775;phaedra Esper,1776;amaryllis Fourcroy,1785 nec Cramer,1782;tithone Hübner,1819; britanniae Verity,1914; bajocassensis Moult,1938; armoricanus Moult,1938 Range (in codes): AL BE BG Bw BY CH Co DE DK ES Mu FR GB GR HU IE IT LU NL PL PT RO RU Sa TR UA YU Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 03 05 11 14 16 17 19 20 21 34 35 39 41 42 55 59 60 67

**Melanargia Meigen,1828** (Satyridae) Synonym(s): Agapetes Billberg,1820 (rejected); Melanargia Meigen,1828; Lachesis Oberthür & Houlbert,1922 nec Daudin,1803.

**Melanargia (s.str.) Meigen,1828** (Satyridae) Synonym(s): *Agapetes Billberg,1820 (rejected); Melanargia Meigen,1828; Lachesis Oberthür & Houlbert,1922 nec Daudin,1803.* 

106. Melanargia (s.str.) galathea (Linnaeus,1758) (Satyridae) Synonym(s): galathea Linnaeus,1758; leucomelas Esper,1783; leucomelanos Fourcroy,1785; galene Ochsenheimer,1807; bitorensis Guillemot,1858; pygmaea Fruhstorfer,1916; malmediensis Derenne,1926; xanthonica Varin,1948. Range (in codes): AL Cc AM AT Ba BE BG B-H BY CH CZ DE DK EE ES FI FR GB GG GR HU HV IT IR Ak Kr LT LU LV MK NL PL RO RU SE Si SK Sm So Sr TR UA VI YU KG Uk Or Sur Ssx Ken Distribution in Turkey (in codes): 05 06 08 10 11 14 16 17 18 19 24 25 26 28 34 36 37 39 43 54 55 58 59 60 61 64 66 67 75 76 78 81

**Melanargia (s.str.) galathea satnia Fruhstorfer,1917** (Satyridae) Synonym(s): satnia Fruhstorfer,1917; turcica Boisduval,1840; syntelia Fruhstorfer,1917; donsa Fruhstorfer,1917. Range (in codes): AM BG B-H Cc GG GR HV MK **TR** YU IR Ak Distribution in Turkey (in codes): 05 06 08 10 11 14 16 17 18 19 24 25 26 28 34 36 37 39 43 54 55 58 59 60 61 64 66 67 75 76 78 81

Melanargia (Turcargia) Koçak & Kemal,2002 (Satyridae) Synonym(s): Turcargia Koçak & Kemal,2002

107. Melanargia (Turcargia) grumi Standfuss,1892 (Satyridae) Synonym(s): grumi Standfuss,1892 Range (in codes): TR IR Il Kd Km Bkn Lo Drd Krr Mml Pld Distribution in Turkey (in codes): 02 13 21 23 30 47 56 63 72 73

Melanargia (Turcargia) grumi grumi Standfuss, 1892 (Satyridae) Synonym(s): grumi Standfuss, 1892 Range (in codes): TR IR Il Kd Km Bkn Distribution in Turkey (in codes): 02 13 21 23 30 47 56 63 72

108. Melanargia (Turcargia) hylata (Ménétriés,1832) (Satyridae) Synonym(s): hylata Ménétriés,1832 Range (in codes): Cc AZ IR Ak Zj Elb Th Fa TR IQ Distribution in Turkey (in codes): 04 13 21 30 65

Melanargia (Turcargia) hylata hylata (Ménétriés,1832) (Satyridae) Synonym(s): hylata Ménétriés,1832 Range (in codes): Cc AZ IR Ak Zj Elb Th TR IQ Distribution in Turkey (in codes): 04 13 21 30 65

109. Melanargia (Turcargia) larissa (Geyer,[1828]) (Satyridae) Synonym(s): larissa Geyer,[1828]. Range (in codes): AL AM AZ BG B-H GG Cc Smt Akh Aba GR HV Lim MK Smo TR Arr YU IR Distribution in Turkey (in codes): 03 04 05 06 08 13 14 17 18 19 22 24 25 26 28 29 35 36 37 38 40 42 43 44 45 51 58 60 64 66 68 69 71 74 75 76 78

**Melanargia (Turcargia) larissa astanda (Boisduval,1848)** (Satyridae) Synonym(s): astanda Boisduval,1848; astanda Staudinger,1871; hertina Staudinger,1901. Range (in codes): Cc AM AZ GG Smt Akh Aba **TR** Arr IR Distribution in Turkey (in codes): 04 08 13 25 36 75 76

Melanargia (Turcargia) larissa lesbina Wagener,1976 (Satyridae) Synonym(s): lesbina Wagener,1976 Range (in codes): BG GR Lim Smo TR YU Distribution in Turkey (in codes): 10 11 14 16 17 20 22 26 34 35 37 45 59

Melanargia (Turcargia) larissa massageta Staudinger,1901 (Satyridae) Synonym(s): massageta Staudinger,1901; #occaecata Staudinger,1901. Range (in codes): TR Distribution in Turkey (in codes): 38 44 58

**Melanargia (Turcargia) larissa noacki Wagener,1983** (Satyridae) Synonym(s): noacki Wagener,1983 Range (in codes): Cc **TR** Distribution in Turkey (in codes): 03 05 06 08 14 18 19 24 25 28 29 37 40 42 43 51 58 60 64 66 68 69 71 78

**Melanargia (Turcargia) larissa taurica Röber,1896** (Satyridae) Synonym(s): taurica Röber,1896; #lactaea F.Wagner,1929; wageneri Koçak,1977. Range (in codes): **TR** Distribution in Turkey (in codes): 01 03 07 15 20 32 33 42 48 70

110. Melanargia (Turcargia) syriaca (Oberthür,1894) (Satyridae) Synonym(s): syriaca Oberthür,1894 TR IR Ab Kd Distribution in Turkey (in codes): 01 12 13 21 23 24 25 30 31 46 49 62 65 73 80

**Melanargia (Turcargia) syriaca karabagi Koçak,1976** (Satyridae) Synonym(s): *karabagi Koçak,1976* Range (in codes): **TR** IR Ab Kd Distribution in Turkey (in codes): 30 65 73

**Melanargia (Turcargia) syriaca kocaki Wagener,1983** (Satyridae) Synonym(s): *kocaki Wagener,1983* Range (in codes): **TR** Distribution in Turkey (in codes): 12 13 21 23 24 25 49 62

Melanargia (Turcargia) syriaca syriaca (Oberthür,1894) (Satyridae) Synonym(s): syriaca Oberthür,1894 Range (in codes): TR Distribution in Turkey (in codes): 01 31 46

**Melanargia (Turcargia) syriaca yucelaskin Kemal & Koçak,2005** (Satyridae) Synonym(s): *karabagi sensu Hesselbarth et al. nec Koç.,1976; 1995; yucelaskin Kemal & Koçak,2005* Range (in codes): **TR** Distribution in Turkey (in codes): 13 65

111. Melanargia (Turcargia) titea (Klug,1832) (Satyridae) Synonym(s): titea Klug,1832 Range (in codes): IL Pa JO LB Bei SY TR Distribution in Turkey (in codes): 01 02 27 31 33 44 46 63 80

Melanargia (Turcargia) titea standfussi Wagener,1983 (Satyridae) Synonym(s): standfussi Wagener,1983; titania Standfuss,1892 nec Calberla,1891. Range (in codes): TR Distribution in Turkey (in codes): 01 02 27 31 44 46 63 80

Melanargia (Turcargia) titea titania Calberla,1891 (Satyridae) Synonym(s): titania Calberla,1891; palaestinensis Staudinger,1901. Range (in codes): He IL Pa Hf JO LB SY TR Distribution in Turkey (in codes): 31

Melanargia (Turcargia) titea titea (Klug,1832) (Satyridae) Synonym(s): titea Klug,1832 Range (in codes): IL He LB Bei

**Melanargia (Turcargia) titea wiskotti Röber,1896** (Satyridae) Synonym(s): wiskotti Röber,1896 Range (in codes): **TR** Distribution in Turkey (in codes): 01 33 80

Melanargia (Parce) Oberthür & Houlbert,1922 (Satyridae) Synonym(s): Parce Oberthür & Houlbert,1922

112. Melanargia (Parce) russiae (Esper,[1784]) (Satyridae) Synonym(s): russiae Esper,[1784]; suwarovius Herbst,1796; clotho Hübner,[1800]; varalauko Korb,2005 Range (in codes): Fo4 Fo6 F12 F33 F48 F66 FR PT Abz AL IT MK Si AL AM Ao At Aty AZ BG BY CN ES GG GR HU IR IT KG KK MK RU Sm So Sr TM TR T-S UA Ui Uk Vl Kt Kw No Om Or Pw RU Sem Sp Tk Ty Ur Vl Ze Kt Bs At Bn Tt Sr Cb Kg Kw Mn Aa Rk Sau Tar DsA TeA KuA TrA Ku Elb Mz T-S Kp Mu Gor Cc Distribution in Turkey (in codes): 04 13 25 30 36 65 69 75 76

**Melanargia (Parce) russiae russiae (Esper,[1784])** (Satyridae) Synonym(s): russiae Esper,[1784]; suwarovius Herbst,1796; clotho Hübner,[1800]; varalauko Korb,2005 Range (in codes): Cc AM Ao At Bn Aty AZ BY CN GG GR HU KG KK RU Sm So Sr **TR** T-S UA Ui Uk VI Kt Kw No Om Or Pw RU Sem Sp Tk Ty Ur VI Ze Kt Bs Tt Sr Cb Kg Kw Mn Aa Rk Sau Tar DsA TeA KuA TrA Ku Distribution in Turkey (in codes): 04 13 25 30 36 65 69 75 76

Arethusana De Lesse, 1951 (Satyridae) Synonym(s): Arethusana De Lesse, 1951

113. Arethusana arethusa ([Denis & Schiffermüller],1775) (Satyridae) Synonym(s): arethusa [Denis & Schiffermüller],1775; erythia Hübner,1805; pontica Heyne,[1895]; sultana Wagner,1929; hakkarica Koçak,1975 (sensu Hesselbarth et al.,1995: 917). Range (in codes): Aa AL At Bn AT Aty Ao Ba Bs BE BG Bs BY Cb CH CN CZ Db DE ES Mu FR GR HU IT Ka KG KK Kw Mn NL Or PT Pw Rk RO RU SK Sm So Sp Sr Tk Syr Tm TR Cc GG Smt Akh T-S UA Ui Uk Vl YU Wn Gj Kts Nym Sau Tar DsA KuA TrA TeA Ket Tls T-S IR Ab Ak Distribution in Turkey (in codes): 03 04 05 06 07 08 10 11 13 14 16 19 20 22 24 25 26 29 30 32 33 35 36 38 39 42 50 51 53 58 60 65 66 69 70 71 76

**Arethusana arethusa sultana (F.Wagner,1929)** (Satyridae) Synonym(s): *sultana F.Wagner,1929* Range (in codes): Cc GG Smt Akh **TR** IR Ab Ak Distribution in Turkey (in codes): 03 04 05 06 07 08 10 11 13 14 16 19 20 24 25 26 29 30 32 33 35 36 38 39 42 50 51 53 58 60 65 66 69 70 71 76

Brintesia Fruhstorfer,1911 (Satyridae) Synonym(s): Brintesia Fruhstorfer,1911

**114. Brintesia circe (Fabricius,1775)** (Satyridae) Synonym(s): *circe Fabricius,1775*; *proserpina Denis & Schiffermüller,1775*; *maga Fruhstorfer,1909*; *venefica Fruhstorfer,1909*; *gabalae Gaillard,1959*; *maladettae Varin,1962*. Range (in codes): AL AT BE BG BY CH CZ DE ES Mu FR GR HU IT Kr LU PL PT RO RU Sa Si SK Sr **TR** Cc AZ Len UA YU IR Ha Ab Ak **IQ** S-T Distribution in Turkey (in codes): 01 03 05 06 07 08 10 11 13 15 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 42 43 45 46 47 48 51 53 56 58 60 62 64 65 67 70 71 72 73 76 78

**Brintesia circe circe (Fabricius,1775)** (Satyridae) Synonym(s): circe Fabricius,1775; proserpina Denis & Schiffermüller,1775; maga Fruhstorfer,1909; venefica Fruhstorfer,1909; gabalae Gaillard,1959; maladettae Varin,1962. Range (in codes): AL AT BE BG Bw BY CH CZ DE ES Mu FR GR HU IT Kr LU PL PT RO RU Sa Si SK Sr **TR** Cc AZ Len UA YU IR Ha Ab Ak **IQ** S-T Distribution in Turkey (in codes): 01 03 05 06 07 08 10 11 13 15 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 42 43 45 46 47 48 51 53 56 58 60 62 64 65 67 70 71 72 73 76 78

Chazara Moore,[1893] (Satyridae) Synonym(s): Chazara Moore,[1893]
Chazara (Neochazara) Koçak,1989 (Satyridae) Synonym(s): Philareta Moore,1893 nec Mr.,;
Neochazara Koçak,1989

115. Chazara (Neochazara) anthe (Hoffmannsegg,1804) (Satyridae) Synonym(s): anthe Hoffmannsegg,1804; persephone Hübner,1805; anthe Ochsenheimer,1807. Range (in codes): Cc AM Ao Aq At AZ Ba Cm GG Gj IQ IR Ab Ak Zj Elb Th Fa Ss JO KG LB Mg Mn RU Sm So Sp Sr TR Arr UA Uk Vl Ktm Nym SY IL Pa Hf

Distribution in Turkey (in codes): 01 02 03 04 05 06 07 13 14 16 19 21 23 24 25 26 29 30 33 36 37 38 40 42 43 44 46 47 50 51 58 60 62 65 66 68 70 71 74 75 76 78 81

**Chazara (Neochazara) anthe hanifa (Boisduval,1848)** (Satyridae) Synonym(s): hanifa Boisduval,1848; hanifa Herrich-Schäffer,1850; transiens Zerny,1932. Range (in codes): He **IL** Pa Hf **JO IQ** IR Ab Ak Zj Elb Th **LB TR** Cc Arr AZ **SY** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 13 14 16 19 21 23 24 25 26 29 30 33 36 37 38 40 42 43 44 46 47 50 51 58 60 62 65 66 68 70 71 74 75 76 78 81

Chazara (s.str.) Moore,[1893] (Satyridae) Synonym(s): Chazara Moore,[1893]

**116.** Chazara (s.str.) bischoffi (Herrich-Schäffer,[1846]) (Satyridae) Synonym(s): bischoffi Herrich-Schäffer,[1846] Range (in codes): IR Ab Ak Cc TR Distribution in Turkey (in codes): 01 04 06 07 08 13 21 23 24 25 29 30 36 38 40 42 44 46 49 50 51 53 58 60 62 65 66 68 69 76

**Chazara (s.str.) bischoffi bischoffi (Herrich-Schäffer,[1846])** (Satyridae) Synonym(s): bischoffi Herrich-Schäffer,[1846] Range (in codes): IR Ab Ak Cc **TR** Distribution in Turkey (in codes): 01 04 06 07 08 13 21 23 24 25 29 30 36 38 40 42 44 46 49 50 51 53 58 60 62 65 66 68 69 76

117. Chazara (s.str.) briseis (Linnaeus,1764) (Satyridae) Synonym(s): briseis Linnaeus,1764; daedale Bergsträβer,1780; bataia Fruhstorfer,1909; interjecta Verity,1916; variabilis Varin,1958; pictonica Varin,1958. Range (in codes): AF AL AM AO At Bn Kts AT Aty AZ Ba BE BG B-H BY CH CN CY CZ DE DZ ES FR GG GR HU HV IQ IR IT Ju KG KK LU MA MK MN PL RO RU SE Si SK Sm So Sr SS TJ TM TN TR T-S UA Ui Uk UZ VI YU Tm VI AO Sr Uk Aq Or Sm Tt Cb Kt Kw Ty Om Pw Ka Rk Tar Sau Ssn Mn Buc At Bn Mu Trt Kts Ur Aa Ku Sem Tk Ui TeA KuA DsA Bc Ab Ak Kd Mz Elb Kp Sju Cc Bc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 55 56 58 60 62 63 64 65 66 68 69 70 71 73 74 76 78 80

Chazara (s.str.) briseis larnacana (Oberthür,1909) (Satyridae) Synonym(s): larnacana Oberthür,1909. Range (in codes): CY

**Chazara (s.str.) briseis pirata (Esper,[1789])** (Satyridae) Synonym(s): pirata Esper,[1789]; meridionalis Staudinger,1886; magna Staudinger,[1894]; #uniocellata Strand,1909; armena Jachontov,1912; fergana sensu Hofmann,1898; latiusalba Verity,1937, hyperleuca Verity,1937; falkneri Gross & Ebert,1975. Range (in codes): ES Mu FR IT HV B-H YU MK GR Cc AM AZ GG **IQ** IR Ab Ak Kd RU **TR** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 55 56 58 60 62 63 64 65 66 68 69 70 71 73 74 76 78 80

118. Chazara (s.str.) egina (Staudinger,[1892]) (Satyridae) Synonym(s): egina Staudinger,[1892]; aisha Rose,1986. Range (in codes): TR IR Es Distribution in Turkey (in codes): 02 24 44 58 62 65

Chazara (s.str.) egina egina (Staudinger,[1892]) (Satyridae) Synonym(s): egina Staudinger,[1892]; aisha Rose,1986. Range (in codes): TR Distribution in Turkey (in codes): 02 24 44 58 62 65

Hipparchia Fabricius,1807 (Satyridae) Synonym(s): Hipparchia Fabricius,1807 Hipparchia (Neohipparchia) De Lesse,1951 (Satyridae) Synonym(s): Neohipparchia De Lesse,1951

119. Hipparchia (Neohipparchia) fatua (Freyer,1844) (Satyridae) Synonym(s): fatua Freyer,1844; sichaea Lederer,1857; insularis Turati,1929; elineata Verity,1937; infracastanea Verity,1938; kosswigi De Lattin,1950. Range (in codes): Ae AL BG Cc GG GR HV IL Pa Hf IQ IR Ab Ak Elb Th Fa JO LB Rd SY TM TR Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 16 17 20 21 23 24 25 27 30 31 32 33 34 35 36 39 42 43 44 45 46 48 50 51 57 58 60 62 65 70 71 73 74 75 77 78 80

**Hipparchia (Neohipparchia) fatua fatua (Freyer,1844)** (Satyridae) Synonym(s): *fatua Freyer,1844; sichaea Lederer,1857; insularis Turati,1929; elineata Verity,1937; infracastanea Verity,1938; kosswigi De Lattin,1950.* Range (in codes): He Ae AL BG Cc GG GR HV **IL** Pa Hf **JO LB** Rd **SY TR** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 16 17 20 21 23 24 25 27 30 31 32 33 34 35 36 39 42 43 44 45 46 48 50 51 57 58 60 62 65 70 71 74 75 77 78 80

**Hipparchia (Neohipparchia) fatua persiscana (Verity,1937)** (Satyridae) Synonym(s): persiscana Verity,1937; klapperichi Gross & Ebert,1975. Range (in codes): IQ IR Ab Ak Elb Th Fa TR Cc AM Distribution in Turkey (in codes): 30

**Hipparchia (Neohipparchia) fatua sichaea (Lederer,1857)** (Satyridae) Synonym(s): sichaea Lederer,1857 Range (in codes): **TR SY LB** Bei **JO** 

120. Hipparchia (Neohipparchia) parisatis (Kollar,[1849]) (Satyridae) Synonym(s): parisatis Kollar,[1849]; macrophthalmus Eversmann,1851; malatinus Heyne,1894; ismail Gross & Ebert,1975; huochenensis Huang & Zhou,2000. Range (in codes): AF AM Cc IN IQ IR Fa Ss Elb Th Kp AE OM TM TR Bl Ci Gg Hu Nwf PK Abb CN Ui Distribution in Turkey (in codes): 04 08 12 13 21 23 24 25 30 31 36 44 46 47 56 58 62 63 65 73 76

**Hipparchia (Neohipparchia) parisatis parisatis (Kollar,[1849])** (Satyridae) Synonym(s): parisatis Kollar,[1849]; macrophthalmus Eversmann,1851; malatinus Heyne,1894; ismail Gross & Ebert,1975;

huochenensis Huang & Zhou,2000. Range (in codes): AF Cc AM IN **IQ** IR Fa Ss Elb Th Kp OM AE TM **TR** CN Ui Distribution in Turkey (in codes): 04 08 12 13 21 23 24 25 30 31 36 44 46 47 56 58 62 63 65 73 76

121. Hipparchia (Neohipparchia) statilinus (Hufnagel,1766) (Satyridae) Synonym(s): statilinus Hufnagel,1766; fauna Sulzer,1776 nec Drury,1773; allionia Fabricius,1781; actaea sensu Villers,1789; arachne Esper,1789 nec Denis & Schiff,1775; allionii Hübner,1826, etc. Range (in codes): AL AT BE BG B-H BY CH CZ DE ES Mu FR GR HU HV IT LT MK NL PL PT RO RU Si SK SS TR Cc Arr UA YU DZ MA TN Brd Distribution in Turkey (in codes): 01 03 05 06 07 08 10 11 13 14 16 17 19 20 22 23 25 26 29 30 33 34 35 36 38 39 41 42 43 46 50 52 58 60 65 66 67 70 71 76 81

Hipparchia (Neohipparchia) statilinus martianii (Herrich-Schäffer,[1844]) (Satyridae) Synonym(s): martianii Herrich-Schäffer,[1844]; fatuaefromis Verity,1919. Range (in codes): TR Distribution in Turkey (in codes): 10 11 14 16 22 34 39 41 67 81

**Hipparchia (Neohipparchia) statilinus minutula (Verity,1938)** (Satyridae) Synonym(s): *minutula Verity,1938.* Range (in codes): **TR** Distribution in Turkey (in codes): 06 20 38 42 50 66 71

**Hipparchia (Neohipparchia) statilinus vanicola (De Lattin,1950)** (Satyridae) Synonym(s): *vanicola De Lattin,1950* Range (in codes): **TR** Distribution in Turkey (in codes): 13 65

Hipparchia (Parahipparchia) Kudrna,1977 (Satyridae) Synonym(s): Parahipparchia Kudrna,1977

**122. Hipparchia (Parahipparchia) aristaeus (Bonelli,1826)** (Satyridae) Synonym(s): aristaeus Bonelli,1826; sardoa Spuler,1908; rautheri Krause,1912; ichnusa Hemming,1931; algirica auct. Range (in codes): Co Sa Si El F20 IT FR TR Cc Distribution in Turkey (in codes): 01 03 05 06 07 09 11 14 16 17 18 20 22 26 27 31 32 33 34 35 37 39 40 42 43 45 46 48 51 58 60 66 67 70 71 75 78 80

**Hipparchia (Parahipparchia) aristaeus senthes (Fruhstorfer,1908)** (Satyridae) Synonym(s): senthes Fruhstorfer,1908. Range (in codes): Ae AL BG Cr GR MK Rd **TR** Cc Distribution in Turkey (in codes): 01 03 05 06 07 09 11 14 16 17 18 20 22 26 27 31 32 33 34 35 37 39 40 42 43 45 46 48 51 58 60 66 67 70 71 75 78 80

**123. Hipparchia (Parahipparchia) cypriensis (Holik,1949)** (Satyridae) Synonym(s): cypriensis Holik,1949 Range (in codes): CY

**Hipparchia (Parahipparchia) cypriensis cypriensis (Holik,1949)** (Satyridae) Synonym(s): *cypriensis Holik,1949* Range (in codes): **CY** 

**124. Hipparchia (Parahipparchia) mersina (Staudinger,1871)** (Satyridae) Synonym(s): mersina Staudinger,1871; malickyi Kudrna,1977. Range (in codes): GR Sms **TR** Distribution in Turkey (in codes): 01 07 10 16 17 27 31 32 33 34 35 42 45 46 48 51 70 80

**Hipparchia (Parahipparchia) mersina mersina (Staudinger,1871)** (Satyridae) Synonym(s): mersina Staudinger,1871; malickyi Kudrna,1977. Range (in codes): GR Sms **TR** Distribution in Turkey (in codes): 01 07 10 16 17 27 31 32 33 34 35 42 45 46 48 51 70 80

**125. Hipparchia (Parahipparchia) pellucida (Stauder,1924)** (Satyridae) Synonym(s): pellucida Stauder,1924; cotys Jachontov,1935; hesselbarthi Kudrna,1976. Range (in codes): AM AZ Cm Cc GG GR Ika **IQ** IR Ab Ak Le **TR** UA Distribution in Turkey (in codes): 01 02 05 08 12 13 14 21 23 24 25 27 29 30 31 33 35 36 37 44 46 47 51 55 60 61 63 65 66 72 73 74 75 76 78 80

Hipparchia (Parahipparchia) pellucida pellucida (Stauder,1924) (Satyridae) Synonym(s): pellucida Stauder,1924; cotys Jachontov,1935; hesselbarthi Kudrna,1976. Range (in codes): Cc AM AZ Cm CY GG GR Ika IQ IR Ab Ak Le TR UA Distribution in Turkey (in codes): 01 02 05 08 12 13 14 21 23 24 25 27 29 30 31 33 35 36 37 44 46 47 51 55 60 61 63 65 66 72 73 74 75 76 78 80

**126. Hipparchia (Parahipparchia) volgensis (Mazochin-Porshnjakov,1952)** (Satyridae) Synonym(s): *volgensis Mazochin-Porshnjakov,1952* Range (in codes): AL Ao BG GR Ko MK RU Sm Sr **TR** Vl YU Distribution in Turkey (in codes): 39

**Hipparchia (Parahipparchia) volgensis delattini Kudrna,1975** (Satyridae) Synonym(s): *delattini Kudrna,1975*; *muelleri Kudrna,1975*. Range (in codes): AL BG GR Ko MK **TR** YU Distribution in Turkey (in codes): 39

Hipparchia (Pseudotergumia) Agenjo, 1947 (Satyridae) Synonym(s): Pseudotergumia Agenjo, 1947

127. Hipparchia (Pseudotergumia) pisidice (Klug,1832) (Satyridae) Synonym(s): pisidice Klug,1832 Range (in codes): TR EG Sn JO IL Pa Hf LB SY Distribution in Turkey (in codes): 63

**Hipparchia (Pseudotergumia) pisidice pisidice (Klug,1832)** (Satyridae) Synonym(s): pisidice Klug,1832 Range (in codes): **TR** EG Sn **JO IL** Pa Hf **LB SY** Distribution in Turkey (in codes): 63

# Hipparchia (s.str.) Fabricius, 1807 (Satyridae) Synonym(s): Hipparchia Fabricius, 1807

128. Hipparchia (s.str.) fagi (Scopoli,1763) (Satyridae) Synonym(s): fagi Scopoli,1763; hermione Linnaeus,1764; silene Fourcroy,1785; orphnia Fruhstorfer,1908; sigurdrifa Fruhstorfer,1908; aturia Fruhstorfer,1910; albifera Fruhstorfer,1910; alcyoniformis Verity,1911; sicula Schwingenschuβ,1942; fuxiensis Varin,1963. Range (in codes): AL AO AT Ba BE BG B-H BY CH CZ DE ES FR GR HU HV IT Kr LU MK NL PL RO RU Si SK Sm So Sr SS UA VI YU TR

Hipparchia (s.str.) fagi fagi (Scopoli,1763) (Satyridae) Synonym(s): fagi Scopoli,1763; hermione Linnaeus,1764; silene Fourcroy,1785; orphnia Fruhstorfer,1908; sigurdrifa Fruhstorfer,1908; aturia Fruhstorfer,1910; albifera Fruhstorfer,1910; alcyoniformis Verity,1911; sicula Schwingenschuβ,1942; fuxiensis Varin,1963. Range (in codes): AL AT BE BG B-H Bw BY CH CZ DE ES FR GR HU HV IT Kr LU MK NL PL RO RU Si SK Sm So Sr SS UA VI YU TR

**129. Hipparchia (s.str.) syriaca (Staudinger,1871)** (Satyridae) Synonym(s): *syriaca Staudinger,1871*; *attikana Fruhstorfer,1907*; *meschetica Jachontov,1915*; *tokatensis Gross,1959*. Range (in codes): Ae AL BG B-H **CY** GR HV **IQ** IR Ab **LB** Bei MK Rd RO **TR** Cc YU **SY** Distribution in Turkey (in codes): 01 03 05 06 07 08 09 10 11 12 13 14 15 16 17 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 47 48 51 52 55 58 60 62 64 65 66 68 71 72 73 74 75 76 77 78 80

**Hipparchia (s.str.) syriaca cypriaca (Staudinger,1878)** (Satyridae) Synonym(s): *cypriaca Staudinger,1878* Range (in codes): **CY** 

**Hipparchia (s.str.) syriaca syriaca (Staudinger,1871)** (Satyridae) Synonym(s): *syriaca Staudinger,1871*; attikana Fruhstorfer,1907; meschetica Jachontov,1915; tokatensis Gross,1959. Range (in codes): Ae AL BG B-H GR HV IR Ab **IQ LB** Bei MK RO **TR** Cc YU **SY** Distribution in Turkey (in codes): 01 03 05 06 07 08 09 10 11 12 13 14 15 16 17 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 47 48 51 52 55 58 60 62 64 65 66 68 71 72 73 74 75 76 77 78 80

# Minois Hübner,[1819] (Satyridae) Synonym(s): Minois Hübner,[1819]

130. Minois dryas (Scopoli,1763) (Satyridae) Synonym(s): dryas Scopoli,1763; drymeia Fruhstorfer,1908; spiripontis Gaillard,1959; bucica Varin,1961; annae Douma-Petridou & Koufsaftikis,1988. Range (in codes): AL At Bn Kts AT Aty Ba BG BY CH CN CZ DE ES FR GR HU IT IR Ak Kr LU PL RO RU Sb SK Sm So Sr TR Cc GG Bjo Lag Tbl Kir AM AZ Bak Da Hkd Kis Pja UA Ui Ju Gn Fkn Hun Vl YU Ur Sau Tar DsA TrA Tt Or Uk Gj Kt Cb Kg Pp Ty Kw Pw Ka Om No Ao T-S Ku Krl KP KR Mc JP Distribution in Turkey (in codes): 08 34 39 41 53 60 61 75

**Minois dryas dryas (Scopoli,1763)** (Satyridae) Synonym(s): dryas Scopoli,1763; drymeia Fruhstorfer,1908; spiripontis Gaillard,1959; bucica Varin,1961; annae Douma-Petridou & Koufsaftikis,1988. Range (in codes): AL At Kts AT Aty Ba BG BY CH CN CZ DE ES FR GR HU IT IR Ak Kr LU PL RO RU Sb SK Sm So Sr **TR** Cc UA GG Bjo Lag Tbl Kir AM AZ Bak Da Hkd Kis Pja Vl YU Ur Sau Tar DsA TrA Tt Or Uk Gj Kt Cb Kg Pp Ty Kw Pw Ka Om No Ao Distribution in Turkey (in codes): 08 34 39 41 53 60 61 75

Pseudochazara De Lesse,1951 (Satyridae) Synonym(s): Pseudochazara De Lesse,1951 Pseudochazara (Achazara) Koçak,1996 (Satyridae) Synonym(s): Achazara Koçak,1996

**131. Pseudochazara (Achazara) anthelea (Hübner,[1824])** (Satyridae) Synonym(s): anthelea Hübner,[1824]; atavirensis Coutsis,1973. Range (in codes): Ae AL BG B-H Cr **CY** GR MK Rd **TR** Cc IR Kd Mz Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 11 12 13 14 15 16 18 19 20 21 23 24 25 26 29 31 32 33 35 36 37 38 40 42 43 44 45 46 48 49 50 51 55 56 58 60 62 63 64 65 66 68 69 70 71 72

**Pseudochazara (Achazara) anthelea acamanthis (Rebel,1916)** (Satyridae) Synonym(s): *acamanthis Rebel,1916* Range (in codes): **CY** 

**Pseudochazara (Achazara) anthelea anthelea (Hübner,[1824])** (Satyridae) Synonym(s): anthelea Hübner,[1824]; atavirensis Coutsis,1973. Range (in codes): Ae GR Rd **TR** Cc Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 11 12 14 15 16 18 19 20 21 23 24 25 26 29 31 32 33 35 36 37 38 40 42 43 44 45 46 48 49 50 51 55 58 60 62 63 64 66 68 69 70 71

Pseudochazara (Achazara) anthelea selcuki Van Oorschot et al.,1987 (Satyridae) Synonym(s): selcuki Van Oorschot et al.,1987 Range (in codes): TR IR Kd Mz Distribution in Turkey (in codes): 13 23 56 58 65 72

132. Pseudochazara (Achazara) telephassa (Geyer,[1827]) (Satyridae) Synonym(s): telephassa Geyer,[1827] Range (in codes): AF Cc AZ Bl Gg Hyb Nwf IL Pa Hf IQ IR Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj JO LB PK SY TM TR Distribution in Turkey (in codes): 01 02 12 21 23 27 30 31 36 44 46 47 50 56 62 63 72 73 76

Pseudochazara (Achazara) telephassa telephassa (Geyer,[1827]) (Satyridae) Synonym(s): telephassa Geyer,[1827] Range (in codes): He Cc AF AZ Bl Gg Hyb Nwf IL Pa Hf IQ IR Ab Ak Ahw Ar

Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj **JO LB** PK **SY** TM **TR** Distribution in Turkey (in codes): 01 02 12 21 23 27 30 31 36 44 46 47 50 56 62 63 72 73 76

Pseudochazara (s.str.) De Lesse,1951 (Satyridae) Synonym(s): Pseudochazara De Lesse,1951

133. Pseudochazara (s.str.) aurantiaca (Staudinger,1871) (Satyridae) Synonym(s):

aurantiaca Staudinger,1871 Range (in codes): IR Elb TR Cc Distribution in Turkey (in codes): 76

Pseudochazara (s.str.) aurantiaca aurantiaca (Staudinger,1871) (Satyridae) Synonym(s): aurantiaca Staudinger,1871 Range (in codes): IR Elb TR Cc Distribution in Turkey (in codes): 76

**134. Pseudochazara (s.str.) beroe (Freyer,[1843])** (Satyridae) Synonym(s): *beroe Freyer,[1843]* Range (in codes): **TR** Arr Cc IR Ab Ak Distribution in Turkey (in codes): 01 03 04 06 07 08 13 16 24 25 29 30 32 33 34 36 38 42 44 46 51 53 58 60 65 69 70 76

**Pseudochazara (s.str.) beroe altivolans Gross,1978** (Satyridae) Synonym(s): *altivolans Gross,1978* Range (in codes): **TR** Distribution in Turkey (in codes): 38

**Pseudochazara (s.str.) beroe beroe (Freyer,[1843])** (Satyridae) Synonym(s): beroe Freyer,[1843] Range (in codes): **TR** Arr Cc Distribution in Turkey (in codes): 01 03 04 06 07 08 13 16 24 25 29 30 32 33 34 36 38 42 44 46 51 53 58 60 65 69 70 76

135. Pseudochazara (s.str.) geyeri (Herrich-Schäffer,[1846]) (Satyridae) Synonym(s): geyeri Herrich-Schäffer,[1846]; aristonicus Fruhstorfer,[1911]; selim Gross,1978, karsicola Gross,1978 Range (in codes): AL GR MK Cc TR Arr IR Distribution in Turkey (in codes): 04 05 06 07 08 13 24 25 29 30 36 38 42 50 51 58 60 62 65 66 69 73 75 76

Pseudochazara (s.str.) geyeri geyeri (Herrich-Schäffer,[1846]) (Satyridae) Synonym(s): geyeri Herrich-Schäffer,[1846]; aristonicus Fruhstorfer,[1911]; selim Gross,1978, karsicola Gross,1978 Range (in codes): Cc TR Arr IR Distribution in Turkey (in codes): 04 05 06 07 08 13 24 25 29 30 36 38 42 50 51 58 60 62 65 66 69 73 75 76

136. Pseudochazara (s.str.) guriensis (Staudinger,[1878]) (Satyridae) Synonym(s): guriensis Staudinger,[1878] Range (in codes): Cc AM GG Aba Smt Akh RU Kb Kr Da TR Distribution in Turkey (in codes):

Pseudochazara (s.str.) guriensis guriensis (Staudinger,[1878]) (Satyridae) Synonym(s): guriensis Staudinger,[1878] Range (in codes): Cc AM GG Aba Smt Akh RU Kb Kr Da TR Distribution in Turkey (in codes): 08

**137. Pseudochazara (s.str.) lydia (Staudinger,1878)** (Satyridae) Synonym(s): *lydia Staudinger,1878*; *neglecta Gross,1978*; *bithyniae Gross,1978*. Range (in codes): **TR** Distribution in Turkey (in codes): 01 03 07 15 16 20 32 33 35 42 43 48 64 70

Pseudochazara (s.str.) lydia aurora Eckweiler & Rose,[1989] (Satyridae) Synonym(s): aurora Eckweiler & Rose,[1989] Range (in codes): TR Distribution in Turkey (in codes): 07 15 20 32 48

**Pseudochazara (s.str.) lydia lydia (Staudinger,1878)** (Satyridae) Synonym(s): *lydia Staudinger,1878; neglecta Gross,1978; bithyniae Gross,1978.* Range (in codes): **TR** Distribution in Turkey (in codes): **o3** 16 26 32 35 42 43 64

**Pseudochazara (s.str.) lydia nesrin Koçak,1989** (Satyridae) Synonym(s): *nesrin Koçak,1989* Range (in codes): **TR** Distribution in Turkey (in codes): 70

**Pseudochazara (s.str.) lydia obscura (Staudinger,1878)** (Satyridae) Synonym(s): *obscura Staudinger,1878* Range (in codes): **TR** Distribution in Turkey (in codes): 01 07 33 42

**138. Pseudochazara (s.str.) mamurra (Herrich-Schäffer,[1846])** (Satyridae) Synonym(s): mamurra Herrich-Schäffer,[1846]; sintenisi Staudinger,1895 Range (in codes): He **IL LB TR** Arr Cc **SY** IR Ab Ak Distribution in Turkey (in codes): 01 02 03 04 05 07 08 13 15 24 25 28 29 30 32 33 36 38 42 44 46 51 58 60 62 65 66 69 73 76

Pseudochazara (s.str.) mamurra birgit Gross,1978 (Satyridae) Synonym(s): birgit Gross,1978; birgitae Koçak,1978 Range (in codes): TR Distribution in Turkey (in codes): 01 02 03 07 15 32 33 38 42 44 46 51

Pseudochazara (s.str.) mamurra larseni Koçak,1978 (Satyridae) Synonym(s): larseni Koçak,1978 Range (in codes): ALb He IL LB SY

Pseudochazara (s.str.) mamurra mamurra (Herrich-Schäffer,[1846]) (Satyridae) Synonym(s): mamurra Herrich-Schäffer,[1846]; sintenisi Staudinger,1895 Range (in codes): TR Arr Cc IR Ab Ak Distribution in Turkey (in codes): 04 05 08 24 25 28 29 36 58 60 62 66 69 76

Pseudochazara (s.str.) mamurra schahrudensis (Staudinger,1881) (Satyridae) Synonym(s): schahrudensis Staudinger,1881 Range (in codes): IQ IR Elb Fa TR Distribution in Turkey (in codes): 13 30 65 73

- **139. Pseudochazara (s.str.) mniszechii (Herrich-Schäffer,[1851])** (Satyridae) Synonym(s): *mniszechii Herrich-Schäffer,[1851]* Range (in codes): Cc GG Aba Smt Akh GR **TR** IR Distribution in Turkey (in codes): 01 03 05 06 07 10 11 14 15 16 19 20 23 24 25 26 28 29 32 33 36 37 38 40 42 43 44 46 48 50 51 58 60 62 66 68 69 70 71 74 78
- **Pseudochazara (s.str.) mniszechii eremicola Gross,1978** (Satyridae) Synonym(s): *eremicola Gross,1978* Range (in codes): **TR** Distribution in Turkey (in codes): **o**6
- Pseudochazara (s.str.) mniszechii kirgisa (Gerhard,1882) (Satyridae) Synonym(s): caucasica Lederer,1864 nec Nordm.,1851; kirgisa Gerhard,1882. Range (in codes): Cc GG Aba Smt Akh TR IR Distribution in Turkey (in codes): 24 25 29 36 62 69 75
- **Pseudochazara (s.str.) mniszechii mniszechii Herrich-Schäffer,[1851]** (Satyridae) Synonym(s): *mniszechii Herrich-Schäffer,[1851]* Range (in codes): **TR** Distribution in Turkey (in codes): 01 03 05 06 07 11 14 15 19 20 23 24 26 28 32 33 37 38 40 42 43 44 46 48 50 51 58 60 62 66 68 70 71 78
- **Pseudochazara (s.str.) mniszechii tisiphone Brown,1980** (Satyridae) Synonym(s): *tisiphone Brown,1980* Range (in codes): GR TR Distribution in Turkey (in codes): 10 16
- **140. Pseudochazara (s.str.) pelopea (Klug,1832)** (Satyridae) Synonym(s): *pelopea Klug,1832* Range (in codes): **IL** Pa **IQ** TlH IR Ab Ak Elb Th Ke Fa **JO LB SY** TM Kp Kh **TR** Cc Distribution in Turkey (in codes): 01 02 04 12 13 21 23 25 27 29 30 36 38 44 46 47 49 53 56 58 62 63 65 72 73 76
- Pseudochazara (s.str.) pelopea pelopea (Klug,1832) (Satyridae) Synonym(s): pelopea Klug,1832 Range (in codes): Pa He IL JO LB Bei SY
- **Pseudochazara (s.str.) pelopea persica (Christoph,1878)** (Satyridae) Synonym(s): *persica Christoph,1877* Range (in codes): **IQ** TlH IR Ab Ak Elb Th Ke Fa **TR** Cc Distribution in Turkey (in codes): 01 02 04 12 13 21 23 25 27 29 30 36 38 44 46 47 49 53 56 58 62 63 65 72 73 76
- 141. Pseudochazara (s.str.) schakuhensis (Staudinger,1881) (Satyridae) Synonym(s): schakuhensis Staudinger,1881; brandti Holik,1949. Range (in codes): IR Elb Se Ak Es TR Distribution in Turkey (in codes): 30
- Pseudochazara (s.str.) schakuhensis schakuhensis (Staudinger,1881) (Satyridae) Synonym(s): schakuhensis Staudinger,1881 Range (in codes): IR Elb Se Ak TR Distribution in Turkey (in codes): 30
  - Satyrus Latreille, 1810 (Satyridae) Synonym(s): Satyrus Latreille, 1810
- Satyrus (Asatyrus) Koçak & Kemal,2002 (Satyridae) Synonym(s): Asatyrus Koçak & Kemal,2002 (Satyrudae) Synonym(s): Asatyrodes Koçak & Kemal,2002 (Satyridae) Synonym(s): Asatyrodes Koçak & Kemal,2002 [proposed as a section]
- **142. Satyrus (Asatyrus (Asatyrodes)) atlanteus (Verity,1927)** (Satyridae) Synonym(s): maroccana Lucas,1920 nec Meade-Waldo,1905; atlanteus Verity,1927. Range (in codes): MA IL He LB
- **Satyrus (Asatyrus (Asatyrodes)) atlanteus makmal Higgins,1965** (Satyridae) Synonym(s): *makmal Higgins,1965* Range (in codes): **IL** Pa He **LB**
- **143. Satyrus (Asatyrus (s.str.)) amasinus Staudinger,1861** (Satyridae) Synonym(s): *bryce Herrich-Schäffer,[1852] nec Hübn.,[1800]; amasinus Staudinger,1861* Range (in codes): Cc GG **TR IL** He **LB** Distribution in Turkey (in codes): 02 03 05 06 08 14 23 24 25 29 35 36 38 42 44 46 50 58 60 62 69 70 71 76
- Satyrus (Asatyrus (s.str.)) amasinus amasinus Staudinger,1861 (Satyridae) Synonym(s): bryce Herrich-Schäffer,[1852] nec Hübn.,[1800]; amasinus Staudinger,1861 Range (in codes): Cc GG TR IL He LB Distribution in Turkey (in codes): 02 03 05 06 08 14 23 24 25 29 35 36 38 42 44 46 50 58 60 62 69 70 71 76
- 144. Satyrus (Asatyrus (s.str.)) ferulus (Fabricius,1793) (Satyridae) Synonym(s): proserpina Cyrillo,1787 nec Denis & Schiff,1775; cordula Fabricius,1793; ferula Fabricius,1793; cyrillus Herbst,1796; hyppolite Herbst,1796 nec Dru.,1782; orsiera De Prunner,1798; bryce Hübner,[1800]. Range (in codes): AL At AT Ba BG BY CH CN ES FR Gn GR IT KG MA MN RU Sm Sr TR Tv Ui T-S YU Am Kt Sau Tar DsA TrA Bog Sju T-I UA Distribution in Turkey (in codes): 01 03 07 32 33 42 46 51
- **Satyrus (Asatyrus (s.str.)) ferulus hadjinus Heyne,[1895]** (Satyridae) Synonym(s): *hadjina Heyne,[1895]* Range (in codes): **TR** Distribution in Turkey (in codes): 01 03 07 32 33 42 46 51
- **145. Satyrus (Asatyrus (s.str.)) iranicus Schwingenschuss,1939** (Satyridae) Synonym(s): *iranicus Schwingenschuss,1939; kyros Gross & Ebert,1975.* Range (in codes): IR Elb Th Ak **TR** Distribution in Turkey (in codes): 13 30 65 73
- Satyrus (Asatyrus (s.str.)) iranicus iranicus Schwingenschuss,1939 (Satyridae) Synonym(s): iranicus Schwingenschuss,1939; kyros Gross & Ebert,1975.

  Distribution in Turkey (in codes): 13 30 65 73

# Satyrus (s.str.(s.str.)) Latreille,1810 (Satyridae) Synonym(s): Satyrus Latreille,1810

**146. Satyrus (s.str.(s.str.)) favonius Staudinger,[1892]** (Satyridae) Synonym(s): *favonius Staudinger,[1892]* Range (in codes): IR Lo Kd **TR** Cc **IQ** Distribution in Turkey (in codes): 01 04 07 08 12 13 24 25 27 31 33 36 42 44 46 49 51 53 58 62 63 65 76

**Satyrus (s.str.(s.str.)) favonius blomi Oemig,1978** (Satyridae) Synonym(s): *blomi Oemig,1978* Range (in codes): IR **TR** Lo Kd **IQ** Distribution in Turkey (in codes): 30 65 73

**Satyrus (s.str.(s.str.)) favonius favonius Staudinger,[1892]** (Satyridae) Synonym(s): *favonius Staudinger,[1892]* Range (in codes): **TR** Cc IR Distribution in Turkey (in codes): 01 04 07 08 12 13 24 25 27 31 33 36 42 44 46 49 51 53 58 62 63 65 76

147. Satyrus (s.str.(s.str.)) parthicus Lederer,1869 (Satyridae) Synonym(s): parthicus Lederer,1869; pimpla sensu Wiltshire,1957 Range (in codes): IR Elb Th Ab Ak TR Cc Arr IQ Distribution in Turkey (in codes): 08 13 24 25 29 30 65 69 76

**Satyrus (s.str.(s.str.)) parthicus parthicus Lederer,1869** (Satyridae) Synonym(s): parthicus Lederer,1869; pimpla sensu Wiltshire,1957 Range (in codes): IR Elb Th Ab Ak **TR** Cc Arr **IQ** Distribution in Turkey (in codes): 08 13 24 25 29 30 65 69 76

# Ypthima Hübner, 1818 (Satyridae) Synonym(s): Ypthima Hübner, 1818

148. Ypthima asterope (Klug,1832) (Satyridae) Synonym(s): asterope Klug,1832; marlenii Kattulas & Koutsaftikis,1978. Range (in codes): Ad Ae AF As CY Dh EG GR Hd Hj IL Pa Hf IN Ass MM May Shn Mpr IQ IR JO KW LB OM PK Rd SA SY TR UE YE ZA Tva Lpo Spb Mpu Brb Wca Kru K12 Wv Kaa Ly Suw Wri Wb NA AO VN Ann TH Distribution in Turkey (in codes): 01 07 31 33 48

**Ypthima asterope asterope (Klug,1832)** (Satyridae) Synonym(s): asterope Klug,1832; marlenii Kattulas & Koutsaftikis,1978. Range (in codes): He Ad Ae AF As CY Dh EG GR Hd Hj IL Pa Hf IN IQ IR JO KW LB OM PK Rd SA SY TR UE YE ZA Tva Lpo Spb Mpu Brb Kru K12 Wv Kaa Ly Suw Wri Wb Distribution in Turkey (in codes): 01 07 31 33 48

# **ARGYNNIDAE** (=Nymphalidae) (Plates 17-25)

**Charaxes Ochsenheimer,1816** (Argynnidae) Synonym(s): *Charaxes Ochsenheimer,1816*; *Paphia Fabricius,1807 nec Röding,1798 (rejected); Jasia Swainson,1832*.

149. Charaxes jasius (Linnaeus,1767) (Argynnidae) Synonym(s): jasius Linnaeus,1767; jason Linnaeus,1767 praeocc.; rhea Hübner,1800; unedonis Hübner,1806; faroensis Ribbe,1909; septentrionalis Verity,1913; europaeus Verity,1917. Range (in codes): He IL Pa Hf Ae Co Cr ES Mu Mu18 FR GR IT PT Rd Sa Si TR YU DZ MA TN JO CY ZA Gau Pre Rtb Tva Lpo Spb Mdk Lj Nta Kzu Ptb Kru Pma Wb Suw Jh Wm Bfk BW NA SZ MZ ZW ZM ZR CF MW TZ KE ET SO UG SD SN ML GN CI AO GA Distribution in Turkey (in codes): 07 09 33 35 48 80

Charaxes jasius jasius (Linnaeus,1767) (Argynnidae) Synonym(s): jasius Linnaeus,1767; jason Linnaeus,1767 praeocc.; rhea Hübner,[1800]; unedonis Hübner,[1806]; faroensis Ribbe,1909; europaeus Verity,1917. Range (in codes): He IL Pa Hf Co Cr ES Mu Mu18 FR GR IT PT Sa Si TR YU DZ MA TN JO CY Distribution in Turkey (in codes): 07 09 33 35 48

# Apatura Fabricius, 1807 (Argynnidae) Synonym(s): Apatura Fabricius, 1807

150. Apatura ilia ([Denis & Schiffermüller],1775) (Argynnidae) Synonym(s): ilia [Denis & Schiffermüller],1775; luteus Esper,1777; roeselii Bergsträβer,1779; vulgaris Bergsträβer,1779; rubescens Esper,1781; eos Rossi,1794; julia Schrank,1801; astasia Hübner,1826; heos Meigen,1828, etc. Range (in codes): Ao AT Wn Ba BE BY CH CZ DE EE ES FR GR HU IT KG LT LU LV MK NL PL PT RU SK Sm So Sr TR UA Uk VI YU AL CN Ui Gn Rth Cc Distribution in Turkey (in codes): 75

Apatura ilia ilia ([Denis & Schiffermüller],1775) (Argynnidae) Synonym(s): ilia [Denis & Schiffermüller],1775; clytie [Denis & Schiffermüller],1775; luteus Esper,1777; roeselii Bergsträβer,1779; vulgaris Bergsträβer,1779; rubescens Esper,1781; eos Rossi,1794; julia Schrank,1801; astasia Hübner,1826; heos Meigen,1828, etc. Range (in codes): Ao AT Wn Ba BE Bw BY CH CZ DE EE ES FR GR HU IT KG LT LU LV MK NL PL PT RU SK Sm So Sr TR UA Uk Vl YU AL CN Ui Cc Distribution in Turkey (in codes): 75

**151. Apatura metis Freyer,1829** (Argynnidae) Synonym(s): *metis Freyer,1829* Range (in codes): At BG BY GR HU RO RU Sb Sm So Sp Sr **TR** UA Vl MK Sb KR KP JP Am Prj Us CN Mc Om KG Pw Ao Distribution in Turkey (in codes): 22 39 59

**Apatura metis metis Freyer,1829** (Argynnidae) Synonym(s): *metis Freyer,1829* Range (in codes): BG GR HU RO TR MK Distribution in Turkey (in codes): 22 39 59

Euapatura Ebert,1971 (Argynnidae) Synonym(s): Euapatura Ebert,1971; Protapatura Igarashi,1971.

**152. Euapatura mirza Ebert,1971** (Argynnidae) Synonym(s): mirza Ebert,1971; iwasei Igarashi,1971. Range (in codes): **IQ** IR Ha Km **TR** Distribution in Turkey (in codes): **13** 30 56 65 72 73

**Euapatura mirza mirza Ebert,1971** (Argynnidae) Synonym(s): mirza Ebert,1971; iwasei Igarashi,1971. Range (in codes): IQ IR Ha Km TR Distribution in Turkey (in codes): 13 30 56 65 72 73

Thaleropis Staudinger, 1871 (Argynnidae) Synonym(s): Thaleropis Staudinger, 1871

**153. Thaleropis ionia (Eversmann,1851)** (Argynnidae) Synonym(s): *ionia Eversmann,1851*; *ammonia Herrich-Schäffer,1851*. Range (in codes): Kas Cc AM GG GR **IQ** Slf AZ Ord Nv IR **TR** Distribution in Turkey (in codes): 03 05 06 07 08 13 21 23 24 25 28 30 32 33 42 44 47 48 56 58 60 62 65 70 73

**Thaleropis ionia ionia (Eversmann,1851)** (Argynnidae) Synonym(s): *ionia Eversmann,1851;* ammonia Herrich-Schäffer,1851. Range (in codes): Kas Cc AM GG GR **IQ** Slf AZ Ord Nv IR **TR** Distribution in Turkey (in codes): 03 05 06 07 08 13 21 23 24 25 28 30 32 33 42 44 47 48 56 58 60 62 65 70 73

Aglais Dalman, 1816 (Argynnidae) Synonym(s): Aglais Dalman, 1816; Ichnusa Reuss, 1939

**154. Aglais urticae (Linnaeus,1758)** (Argynnidae) Synonym(s): *urticae Linnaeus,1758*; *opima Verity,1919*; *variegata Querci,1932*; *strandi Verity,1936*. Range (in codes): AL Bn Kts AT Ba BE BG BY CH CN Co CZ DE Dj DK EE ES FI FR GB GR HU IE Ii IS IT KG **LB** LT LU LV MK MN NL NO PL PT RO RU Sa SE Sem SI Si SK Sm So Sr Ti Tk **TR** T-S UA Ui Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken Sr So Tt Sb Cb Kg Or Uk Aq Rk Kt Pp Kw Ty Om Pw No To Mu Kuz Sli At Mn Sp Tk As Tm Db Buc Ssn Tar Sau DsA TrA Ax KuA TeA Um Ku Kml Adu **IQ** IR Ab Ak Elb Th Mz GG AM AZ Smt Bku Cc US Msc Ny Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 16 17 18 19 21 22 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 52 53 55 58 60 61 62 65 66 69 70 73 74 75 76 78 81

**Aglais urticae turcica (Staudinger,1871)** (Argynnidae) Synonym(s): *turcica Staudinger,1871* **IL** Range (in codes): He **TR LB IQ** IR Ab Ak GG Cc AM AZ Smt Bku Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 16 17 18 19 21 22 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 52 53 55 58 60 61 62 65 66 69 70 73 74 75 76 78 81

Araschnia Hübner, [1819] (Argynnidae) Synonym(s): Araschnia Hübner, [1819]

155. Araschnia levana (Linnaeus,1758) (Argynnidae) Synonym(s): levana Linnaeus,1758; prorsa Linnaeus,1758. Range (in codes): Bn At AT Ba BE BG BY CH CZ DE DK EE ES FI FR GB GR Cc GG Lag Kak HU IT KG Kr LT LU LV NL PL RO RU Da SE SK Sm So Sr TR UA Uk VI YU Kts Distribution in Turkey (in codes): 22 39

Araschnia levana levana (Linnaeus,1758) (Argynnidae) Synonym(s): levana Linnaeus,1758; prorsa Linnaeus,1758. Range (in codes): Bn At Kts AT Ba BE BG Bw BY CH CZ DE DK EE ES FI FR GB GR GG Cc Lag Kak HU IT KG Kr LT LU LV NL PL RO Rp RU Da SE SK Sm So Sr TR UA Uk VI YU Distribution in Turkey (in codes): 22 39

**Hypolimnas Hübner,[1819]** (Argynnidae) Synonym(s): *Hypolimnas Hübner,[1819]*; *Diadema Bosiduval,[1832]*; Eucalia Felder,1861; Euralia Westwood,[1850]

156. Hypolimnas misippus (Linnaeus,1764) (Argynnidae) Synonym(s): misippus Linnaeus,1764 inaria Cramer,[1779]; alcippoides Butler,1883. Range (in codes): AF AO AU AZ BF BH BI BJ BW BZ CF CG CI CM CN DJ DZ EG EH ER ET FI GA GH GM GN GO Bio GW Hn ID IN IR HZ KE KH KM LB LK LR LS LY MA MG ML MM MR MW MY MZ NA NE NG OM PG PH PK QA RW SA SC SD SL SN SO ST SZ TD TG TH TN TR TW TZ UG US VN YE ZA Nta Kzu Ptb Mdk Bl Ci PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab Taw Tic ZM ZR ZW Cp Fl Mss NCa Tx Tva Lpo Gau Pre Spb Lj Jh Wri Ent Dbn Kny Kru Pma BR PE CMa CDo Lmp Nna Cbu Pkk Loe Nrt Bnk Ray Nst Chw Tnga Usa Ani Distribution in Turkey (in codes): 33

Hypolimnas misippus misippus (Linnaeus,1764) (Argynnidae) Synonym(s): misippus Linnaeus,1764 inaria Cramer,[1779]; alcippoides Butler,1883. Range (in codes): AF AO AU AZ BF BH BI BJ BW BZ CF CG CI CM CN DJ DZ EG EH ER ET Fl GA GH GM GN GO Bio GW Hn ID IN IR HZ KE KH KM LB LK LR LS LY MA MG ML MM MR MW MY MZ NA NE NG OM PG PH PK QA RW SA SC SD SL SN SO ST SZ TD TG TH TN TR TW TZ UG US VN YE ZA Nta Kzu Ptb Mdk Bl Ci PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab

Taw Tic ZM ZR ZW Cp Fl Mss NCa Tx Tva Lpo Gau Pre Spb Lj Jh Wri Ent Dbn Kny Kru Pma BR PE CMa CDo Lmp Nna Cbu Pkk Loe Nrt Bnk Ray Nst Chw Tnga Usa Ani Distribution in Turkey (in codes): 33

Inachis Hübner,[1819] (Argynnidae) Synonym(s): Inachis Hübner,[1819]

157. Inachis io (Linnaeus,1758) (Argynnidae) Synonym(s): io Linnaeus,1758; ioides Ochsenheimer,1808; caucasica Jachontov,1911. Range (in codes): Sms AL AM At Bn AT AZ Ba BE BG B-H BY CH CN Co Cr CZ DE Dj DK EE ES FI FR GB GG GR HU HV IE IS IT KG KK Kr LT LU LV MK MT NL NO PL PT RO RU Sa SE Sem Si SK Sm So Sr SS Tk TR T-S UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken Sau Tar DsA TeA KuA TrA Ket T-S IR Gh Mz Cc Distribution in Turkey (in codes): 05 06 08 10 11 14 16 17 21 24 25 28 29 34 37 39 43 52 53 55 57 58 60 61 66 69 74 75 78 81

Inachis io io (Linnaeus,1758) (Argynnidae) Synonym(s): io Linnaeus,1758; ioides Ochsenheimer,1808; caucasica Jachontov,1911. Range (in codes): Sms AL AM AO At Bn AT AZ Cc Ba BE BG B-H Bw BY CH Co Cr CZ DE DK EE ES FI FR GB GG GR HU HV IE IS IT KG KK Kr LT LU LV MK MT NL NO PL PT RO Rp RU Sa SE Si SK Sm So Sr SS TR UA Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken Sau Tar DsA TeA KuA TrA Ket T-S IR Mz Gh Distribution in Turkey (in codes): 05 06 08 10 11 14 16 17 21 24 25 28 29 34 37 39 43 52 53 55 57 58 60 61 66 69 74 75 78 81

**Nymphalis Kluk,1802** (Argynnidae) Synonym(s): Nymphalis Kluk,1802; Hamadryas Hübner,[1806]; Scudderia Grote,1873 nec Stal,1873; Euvanessa Scudder,1889; Antiopana Korb,2005

158. Nymphalis antiopa (Linnaeus,1758) (Argynnidae) Synonym(s): antiopa Linnaeus,1758; pompadour Pollich,1783; morio Retzius,1783; borealis Wnukowsky,1927. Range (in codes): AL AM At Bn AT AZ Ba BE BG B-H BY CH CN CZ DE Dj DK EE ES FI FR GB GG GR HU HV IE IS IT KG Ku LT LU LV MK NL NO PL PT RO RU SE Sem SK Sm So Sr SS Tk TR UA Ui Uk Vl YU Ken Sau Tar DsA TeA KuA TrA Ket T-S US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy Tbl Smt Bjo Bku Kml Cc Distribution in Turkey (in codes): 03 05 06 08 09 10 11 14 16 17 22 24 26 28 29 32 33 34 35 36 37 38 39 42 45 53 58 60 62 66 71 74 75

Nymphalis antiopa antiopa (Linnaeus,1758) (Argynnidae) Synonym(s): antiopa Linnaeus,1758; pompadour Pollich,1783; morio Retzius,1783; borealis Wnukowsky,1927. Range (in codes): AL AM At Bn AT AZ Ba BE BG B-H BY CH CN CZ DE Dj DK EE ES FI FR GB GG GR HU HV IE IS IT KG Ku LT LU LV MK NL NO PL PT RO RU SE Sem SK Sm So Sr SS Tk TR UA Ui Uk Vl YU Ken Sau Tar DsA TeA KuA TrA Ket T-S US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy Tbl Smt Bjo Bku Kml Cc Distribution in Turkey (in codes): 03 05 06 08 09 10 11 14 16 17 22 24 26 28 29 32 33 34 35 36 37 38 39 42 45 53 58 60 62 66 71 74 75

**159. Nymphalis polychloros (Linnaeus,1758)** (Argynnidae) Synonym(s): polychloros Linnaeus,1758; testudo Esper,1781; pyrrhomelaena Hübner,1824; pyromelas Freyer,1834; fervida Standfuss,1896. Range (in codes): Ae AL AM Cc Ao At AT AZ Ba BE BG B-H BY CH Cm Co Cr CZ DE DK DZ EE ES Mu FI FR GB GG GR HU HV IE **IQ** IR Elb Mz IT KG Kp Kr LT LU LV MA MK MT NO PL PT Rd RO RU Sa SE Si SK Sm So Sr SS TM TN **TR** UA Uk VI YU Sur Ssx Ken **LB SY** PK Ci Nwf Mre **CY** Distribution in Turkey (in codes): 01 03 05 06 07 08 09 10 11 13 14 16 17 18 19 20 21 22 23 25 26 27 30 31 32 33 34 35 36 39 40 41 42 43 44 45 46 47 48 50 51 52 56 58 60 62 65 71 73 78

**Nymphalis polychloros polychloros (Linnaeus,1758)** (Argynnidae) Synonym(s): polychloros Linnaeus,1758; testudo Esper,1781; pyrrhomelaena Hübner,1824; pyromelas Freyer,1834; fervida Standfuss,1896. Range (in codes): **IL** He Ae AL AM Cc Ao AT AZ Ba BE BG B-H Bw BY CH Cm Co Cr CZ DE DK EE ES Mu FI FR GB GG GR HU HV IE **IQ** IR Elb Mz IT KG Kp Kr LT LU LV MK MT NO PL PT Rd RO Rp RU Sa SE Si SK Sm So Sr SS TM **TR** UA Uk VI YU Sur Ssx Ken **LB SY** PK Ci Nwf Mre **CY** Distribution in Turkey (in codes): 01 03 05 06 07 08 09 10 11 13 14 16 17 18 19 20 21 22 23 25 26 27 30 31 32 33 34 35 36 39 40 41 42 43 44 45 46 47 48 50 51 52 56 58 60 62 65 66 71 73 78

**160. Nymphalis vaualbum ([Denis & Schiffermüller],1775)** (Argynnidae) Synonym(s): #vaualbum [Denis & Schiffermüller],1775; l-album Esper,[1781] Range (in codes): Bn At Kts AT Ba BG BY CA CN Ui CZ DK EE FI GG HU JP LV PL RO RU SE SK Sm So Sr **TR** UA US VI YU LAT Wn MN KP KR Mc Sau Tar DsA Ket TrA PK Ci Nwf Ch T-S KG Smt Bku Bjo US Cf Cnt Col Fl Id Idp Iln Io Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk Ne Neb Nh Nje Ny Oh Org Pns RDi SDk Ut Vi Vr WVi Wc Ws Wy Cc Distribution in Turkey (in codes): 05 08

Nymphalis vaualbum vaualbum ([Denis & Schiffermüller],1775) (Argynnidae) Synonym(s): #vaualbum [Denis & Schiffermüller],1775; l-album Esper,[1781] Range (in codes): Bn At Kts AT Ba BG BY CA CN Ui CZ DK EE FI GG HU JP LV PL RO RU SE SK Sm So Sr TR UA US VI YU LAT Wn MN KP KR Mc Sau Tar DsA Ket TrA PK Ci Nwf Ch T-S KG Smt Bku Bjo US Cf Cnt Col Fl Id Idp Iln Io Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk Ne Neb Nh Nje Ny Oh Org Pns RDi SDk Ut Vi Vr WVi Wc Ws Wy Cc Distribution in Turkey (in codes): 05 08

161. Nymphalis xanthomelas (Esper,[1781]) (Argynnidae) Synonym(s): #xanthomelas [Denis & Schiffermüller],1775; xanthomelas Esper,[1781] Range (in codes): AF AL AM Cc At Bn AT AZ Ba BG B-H BY Ch CN Cr CZ Dj DK EE FI FR GB GG Smt Bjo GR HU HV IR Zj Elb Mz JP Kab Kbb KG Kr LT LV MK Pag PL Pnj RO RU SE

Sem SK Sm So Sr SS Tk **TR** UA Uk YU Syr Tm Ui Um Kml Sau Tar DsA Ax TrA KuA Kma Ci Wa Bl PK IN T-S Distribution in Turkey (in codes): 01 05 06 08 12 13 16 21 24 25 30 31 33 34 36 42 46 49 51 56 62 69 72 73 76

Nymphalis xanthomelas fervescens (Stichel,[1908]) (Argynnidae) Synonym(s): fervescens Stichel,[1908]; hazara Wyatt & Omoto,1966. Range (in codes): AF At AM AZ Cc Ch Dj GG Smt Bjo IR Zj Elb Mz Kab Kbb KG Pag Pnj Sem Tk TR Syr Tm CN Ui Um Kml Sau Tar T-S DsA Ax TrA KuA Kma Ci Wa Bl PK IN Distribution in Turkey (in codes): 01 05 06 08 12 13 16 21 24 25 30 31 33 34 36 42 46 49 51 56 62 69 72 73 76

**Polygonia Hübner,[1819]** (Argynnidae) Synonym(s): *Polygonia Hübner,[1819]; Eugonia Hübner,[1819]; Grapta Kirby,1837.* 

Polygonia (Comma) Rennie, 1832 (Argynnidae) Synonym(s): Comma Rennie, 1832.

**162. Polygonia (Comma) c-album (Linnaeus,1758)** (Argynnidae) Synonym(s): *c-album Linnaeus,1758*; *g-album Fourcroy,1785*. Range (in codes): AF AL At Bn Kts AT Ba BE BG BY CH CN Co CZ DE DK EE ES Mu FI FR GB GR HU IT KG Kr **LB** LT LU LV DZ MA TN MN NL NO PL PT RO RU Sa SE SI Si SK Sm So Sr Ti **TR** UA Ui Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken GG AZ AM Nv MD MK HV SS B-H MD Cc **IQ** Ama IR Mz Elb TH CMa Distribution in Turkey (in codes): 03 05 06 08 11 13 14 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 41 42 43 44 46 48 49 50 52 53 55 59 60 61 62 65 66 73 74 75 76 78 81

**Polygonia (Comma) c-album c-album (Linnaeus,1758)** (Argynnidae) Synonym(s): *c-album Linnaeus,1758*; *g-album Fourcroy,1785*. Range (in codes): AF **IL** He AL At Bn Kts AT Ba BE BG Bw BY CH Co CZ DE DK EE ES Mu FI FR GB GR HU IT KG Kr LT LU LV NL NO PL PT RO Rp RU Sa SE Si SK Sm So Sr **TR** UA Uk VI YU Cw Dv Smt H-W Sur Ssx Ken GG AZ AM Nv Cc MD MK HV SS B-H MD **LB IQ** Ama IR Mz Elb Distribution in Turkey (in codes): 03 05 06 08 11 13 14 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 41 42 43 44 46 48 49 50 52 53 55 59 60 61 62 65 66 73 74 75 76 78 81

- **163. Polygonia (Comma) egea (Cramer,[1775])** (Argynnidae) Synonym(s): egea Cramer,[1775] (junior homonym); vaualbum Esper,1780; l-album Esper,1789; triangulum Fabricius,1793; autumnalis Stefanelli,1873; #balucha Evans,1932; #pallida Evans,1932. Range (in codes): Ae AF AL BG BY CH CN Co Cr FR GR IT **LB** MK MT PK Bl PK Mre IN Kma RO RU Sa Si Sr **TR** UA Ui YU **JO** IR Elb Mz Th Fa Ss **IQ** Mos TM Kp Cc AM AZ GG Nv Ord Lag Smt Bjo **IL** Pa Hf Distribution in Turkey (in codes): 01 02 04 05 06 07 08 09 13 14 16 17 20 21 23 24 25 26 27 29 30 32 33 34 35 36 37 38 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 68 71 72 73 76 78 80
- **164. Polygonia (Comma) egea egea (Cramer,[1775])** (Argynnidae) Synonym(s): *egea Cramer,[1775]* (junior homonym); vaualbum *Esper,1780*; *l-album Esper,1789*; triangulum *Fabricius,1793*; autumnalis *Stefanelli,1873*; #balucha Evans,1932; #pallida Evans,1932. Range (in codes): **IL** He Pa Hf Ae AF AL BG BY CH Co Cr FR GR IT MK MT PK Bl RO RU Sa Si Sr **TR** UA YU **JO LB** IR Elb Mz Th Fa Ss **IQ** Mos TM Kp Cc AM AZ GG Nv Ord Lag Smt Bjo Distribution in Turkey (in codes): 01 02 04 05 06 07 08 09 13 14 16 17 20 21 23 24 25 26 27 29 30 32 33 34 35 36 37 38 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 68 71 72 73 76 78 80

### Precis (Junonia) Hübner, [1819] (Argynnidae) Synonym(s): Junonia Hübner, [1819]

- 165. Precis (Junonia) hierta (Fabricius,1798) (Argynnidae) Synonym(s): lintingensis Osbeck,1765 [rejected name, Op.842, 1968]; hierta Fabricius,1798 Range (in codes): TH AF AO BF BI BJ BW CF CG CI CM CN DJ EG EH ER ET GA GH GM GN GO Bio GW IN KE LR LS LY MG ML MR MW MZ NA NE NG PK RW SA SC SD Sk SL SN SO ST SZ TD TG TZ UG YE ZM ZR ZW LB JO ZA Nta Kzu Est Tva Lpo Spb Ptb Lj Mdk Ent Gau Pre Jh Mpu Brb MG SD SA YE SC Sk IR MM Adm LK MY Lkw TH CMa Cuo Cuo1 Cuo9 Cu10 Int Dsk Hpt Lmp Tht Chy TAk Sbu Rng Sat Non Phi Nna Cbu Tng Tuo Sya Ths Nst
- 166. Precis (Junonia) orithya (Linnaeus,1758) (Argynnidae) Synonym(s): orithya Linnaeus,1758 Range (in codes): TR BI BJ BW CF CG CI CM DJ DZ EG EH ER ET GA GH GM GN GO Bio GW IQ Nsr Bji Bgd IR Lo Fa Ke JO KE KW LR LY MA MG ML MR MW MZ NA NE NG OM PK RW SA SD SL SN SO ST SZ TD TG TN TZ UG YE MG ZA Nta Kzu Ptb ZM ZR ZW SY IN LK MM Ci Mre Pj Nwf Pes Rw Cp Tra Tva Lpo Spb Lj Kru Dbn MZ ZW BW NA PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Tab Taw Tic Stu SG ID Sum Ja Bli Lb LS Baw Bor Clb Hn TH MY Lkw CMa Cuo Cuo7 Cu12 Cmz Cz11 Loe Nna Knc Cbi Sbu Non Phi Nrt Cbu Ray Pht Sgk Yal Tng Hya PSu Nst Ths AE AF AO BF BH Distribution in Turkey (in codes): 21

**Precis (Junonia) orithya here (Lang,1884)** (Argynnidae) Synonym(s): here Lang,1884. Range (in codes): Ad As Dh Hd OM SA AE YE IR Lo Fa Ke **IQ** Nsr Bgd Bji **SY** AF **TR** Distribution in Turkey (in codes): 21

**Vanessa Fabricius,1807** (Argynnidae) Synonym(s): Vanessa Fabricius,1807; Pyrameis Hübner,[1819]; Ammiralis Rennie,1832; Phanessa Sodoffsky,1837.

Vanessa (Cynthia) Fabricius, 1807 (Argynnidae) Synonym(s): Cynthia Fabricius, 1807; Neopyrameis Scudder, 1889; Fieldia Niculescu, 1979 (praeocc.); Neofieldia Özdikmen, 2008.

167. Vanessa (Cynthia) cardui (Linnaeus,1758) (Argynnidae) Synonym(s): cardui Linnaeus,1758; carduelis Cramer,1775; elymi Rambur,1829; kershawi McCoy,1868; pallida Schoyen,1881; universa Verity,1919; takesakiana Kato,1925. Range (in codes): Ad Ae AF AL As At AT AZ BE BG BH BY Ch CH CN Co Cr CY CZ DE Dh DK EE ES FI FR GB GR Hd Hj HU IE IL IN IQ IR IS IT JO KG KK KW LB Ld LT LU LV MN MT Mu Nf Nj NL NO PH PK PL PT QA Rd RO RU SA Sa SE SI Si SK SY Ti TJ TM TR T-S UA Ui UZ YE YU SS HV B-H MK Mt AO BF BI BJ BW BZ CF CG CI CM Cn DJ Dj DZ EG EH ER ET FP GA GH GM GN GO GW KE KM LR LS LY MA MG ML MR MW MZ NA NE NG RW SC SD Sem SL SN SO ST SZ TD TG Tk TN TZ UG ZA ZM ZR ZW Cw Dv Smt H-W Sur Ssx Ken Cy LY Kts Tm Ci Um Sau Tar DsA TeA KuA TrA Ket Bn Mu Mu18 GG AZ Nv AM MD NP Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Ke Luz Mno Neg Pal US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy Ord Nta Kzu Ptb Gau Pre Est Spb Lj Tva Lpo Mdk Ent Kru Pma Pf Pa Hf TH CMa SD91 SD119 Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 75 76 78 80 81

Vanessa (Cynthia) cardui cardui (Linnaeus,1758) (Argynnidae) Synonym(s): cardui Linnaeus,1758; carduelis Cramer,1775; elymi Rambur,1829; kershawi McCoy,1868; pallida Schoyen,1881; universa Verity,1919; takesakiana Kato,1925. Range (in codes): Ad Ae AF AL As At AT Az BE BG BH BY Ch CH CN Co Cr CY CZ DE Dh DK EE ES FI FR GB GR Hd Hj HU IE IL IN IQ IR IS IT JO KG KK KW LB Ld LT LU LV MN MT Mu Nf Nj NL NO PH PK PL PT QA Rd RO RU SA Sa SE SI Si SK SY Ti TJ TM TR T-S UA Ui UZ YE YU SS HV B-H MK Mt AO BF BI BJ BW BZ CF CG CI CM Cn DJ Dj DZ EG EH ER ET FP GA GH GM GN GO GW KE KM LR LS LY MA MG ML MR MW MZ NA NE NG RW SC SD Sem SL SN SO ST SZ TD TG Tk TN TZ UG ZA ZM ZR ZW Cw Dv Smt H-W Sur Ssx Ken Cy LY Kts Tm Ci Um Sau Tar DsA TeA KuA TrA Ket Bn Mu Mu18 GG AZ Nv AM MD NP Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Ke Luz Mno Neg Pal US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy Ord Nta Kzu Ptb Gau Pre Est Spb Lj Tva Lpo Mdk Ent Kru Pma Pf Pa Hf TH CMa SD91 SD119 Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 75 76 78 80 81

Vanessa (s.str.) Fabricius, 1807 (Argynnidae) Synonym(s): Vanessa Fabricius, 1807; Pyrameis Hübner, [1819]; Ammiralis Rennie, 1832; Phanessa Sodoffsky, 1837.

168. Vanessa (s.str.) atalanta (Linnaeus,1758) (Argynnidae) Synonym(s): atalanta Linnaeus,1758; amiralis Retzius,1783; #klemensiewiczi Schille,1896; #klimene Fischer,1896; italica Stichel,1900. Range (in codes): IL He Pa Hf Ae AL Ao At CY AT Az Ba BE BG B-H BY CH CN Co Cr CZ DE DK DZ EE ES FI FR GB GR HU HV IE IR IS IT JO KG Kp Kr LB LT LU LV MA MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr SS TM TN TR T-S UA Ui Uk Vl YU Cw Dv Smt H-W PK Zh Bl Cc GG AZ AM US MX Sur Ssx Ken Cn Mu Mu18 Nv MD Elb Mz CA GT CU HT NZ AU Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy IQ Bgd Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 11 13 14 16 17 18 21 22 23 24 25 27 29 30 31 32 33 34 35 36 37 38 39 42 43 44 45 46 48 50 51 52 53 55 56 58 59 60 61 62 63 65 66 71 74 75 78 80 81

Vanessa (s.str.) atalanta atalanta (Linnaeus,1758) (Argynnidae) Synonym(s): atalanta Linnaeus,1758; amiralis Retzius,1783; #klemensiewiczi Schille,1896; #klimene Fischer,1896; italica Stichel,1900. Range (in codes): IL He Pa Hf Ae AL Ao At CY AT Az Ba BE BG B-H BY CH CN Co Cr CZ DE DK DZ EE ES FI FR GB GR HU HV IE IR IS IT JO KG Kp Kr LB LT LU LV MA MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr SS TM TN TR T-S UA Ui Uk Vl YU Cw Dv Smt H-W PK Zh Bl Cc GG AZ AM US Sur Ssx Ken Cn Mu Mu18 Nv MD Elb Mz CA GT CU HT NZ AU Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy IQ Bgd Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 11 13 14 16 17 18 21 22 23 24 25 27 29 30 31 32 33 34 35 36 37 38 39 42 43 44 45 46 48 50 51 52 53 55 56 58 59 60 61 62 63 65 66 71 74 75 78 80 81

Limenitis Fabricius, 1807 (Argynnidae) Synonym(s): Limenitis Fabricius, 1807 Limenitis (Azuritis) Boudinot, 1986 (Argynnidae) Synonym(s): Azuritis Boudinot, 1986

**169. Limenitis (Azuritis) reducta Staudinger,1901** (Argynnidae) Synonym(s): *reducta Staudinger,1901*. Range (in codes): Ae AL AM AT AZ BG B-H BY CH Co CZ DE ES Mu FR GG Cc GR HU HV **IL IQ** IR Ab Ak Elb Fa IT **JO** Kp **LB** LU MK NL Rd RO RU Sa Si SK Sm Sr SS **SY** TM **TR** UA YU **CY** Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 50 51 52 53 55 56 58 59 60 62 65 66 67 71 72 73 75 76 77 78

Limenitis (Azuritis) reducta herculeana Stichel, [1908] (Argynnidae) Synonym(s): camilla [Denis & Schiffermüller],1775 (praeocc.); drusilla Bergsträßer,1779 (praeocc.); lucilla Esper,[1779]; anonyma Lewis,1872; herculeana Stichel, [1908]; prodiga Fruhstorfer,1909; schiffermülleri Higgins,1932; mirzayani Gross & Ebert,1975. Range (in codes): IL He Ae AL AM Cc AT BG B-H Bw BY CH Co CZ DE ES Mu FR F73 GG GR HU HV IL IQ IR Fa IT JO LB LU MK NL Rd RO RU Sa Si SK Sm Sr SS SY TR UA YU CY Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 13 14 15

 $16\ 17\ 18\ 20\ 21\ 22\ 23\ 24\ 25\ 26\ 27\ 29\ 30\ 31\ 32\ 33\ 34\ 35\ 36\ 37\ 39\ 42\ 43\ 44\ 45\ 46\ 48\ 50\ 51\ 52\ 53\ 55\ 56\ 58\ 59\ 60\ 62\ 65\ 66\ 67\ 71\ 72\ 73\ 76\ 77\ 78$ 

**Limenitis (Azuritis) reducta reducta Staudinger,1901** (Argynnidae) Synonym(s): reducta Staudinger,1901. Range (in codes): TR AZ Hkd Cc IR Ab Ak Elb Kp TM Distribution in Turkey (in codes): 75

### Limenitis (Ladoga) Moore, [1898] (Argynnidae) Synonym(s): Ladoga Moore, [1898]

170. Limenitis (Ladoga) camilla (Linnaeus,1764) (Argynnidae) Synonym(s): camilla Linnaeus,1764; prorsa Linnaeus,1764 nec Linnaeus,1758; sibilla Linnaeus,1769; luctuosus Fourcroy,1785 nec Walch,1775. Range (in codes): AT Ba BE BG BY CH CZ DE DK EE ES FR GG Smt Bjo GB GR HU IT KG Kr LT LU LV MK NL PL RO RU JP RU Am Prj Us SE SK Sm So Sr TR UA AM Cc Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 08 10 34 75

Limenitis (Ladoga) camilla camilla (Linnaeus,1764) (Argynnidae) Synonym(s): camilla Linnaeus,1764; prorsa Linnaeus,1764 nec Linnaeus,1758; sibilla Linnaeus,1769; luctuosus Fourcroy,1785 nec Walch,1775. Range (in codes): AT Ba BE BG Bw BY CH CZ DE DK EE ES FR GB GR GG Smt Bjo HU IT KG Kr LT LU LV MK NL PL RO Rp RU SE SK Sm So Sr TR UA AM Cc Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 08 10 34 75

**Neptis Fabricius,1807** (Argynnidae) Synonym(s): Neptis Fabricius,1807; Philonoma Billberg,1820; Paraneptis Moore,[1898]; Kalkasia Moore,[1898]; Hamadryodes Moore,[1898]; Bimbisara Moore,[1898]; Stabrobates Moore,[1898]; Rasalia Moore,[1898]; Neptidomina Holland,1920.

**Neptis (s.str.) Fabricius,1807** (Argynnidae) Synonym(s): Neptis Fabricius,1807; Philonoma Billberg,1820; Paraneptis Moore,[1898]; Kalkasia Moore,[1898]; Hamadryodes Moore,[1898]; Bimbisara Moore,[1898]; Stabrobates Moore,[1898]; Rasalia Moore,[1898]; Neptidomina Holland,1920.

171. Neptis (s.str.) rivularis (Scopoli,1763) (Argynnidae) Synonym(s): rivularis Scopoli,1763; lucilla Denis & Schiffermüller,1775; coenobita Cramer,1780; #tolunay Koçak & Kemal,2006. Range (in codes): Aa Cc AM Am At Bn Kts AT Aty Ba BG BY CH CN CZ GR GG Akh HU Ir IT IR Km Ak JP KG Kmt KP KR MK MN PL RO RU Sb Sh SK Sm So Sr TR TW UA Ui Um Adu Uk VI Vv YU Bog Sb Prj Us Am Krl TrA KuA TeA Ax DsA Tk Ket Lps Mn Sem Sju Ssn Tar Sau Pm T-S Arr Nv Ord Tbl Smt Distribution in Turkey (in codes): 25 36 75 76

Neptis (s.str.) rivularis ludmilla (Boisduval,1848) (Argynnidae) Synonym(s): *ludmilla Boisduval,1848; ludmilla Herrich-Schäffer,1856.* Range (in codes): At Cc AM GG Akh Bn Ba KG KK RU Sm So Sr Uk Vl TR IR Km Ak T-S CN Ui Um Adu Dj TrA KuA TeA Ax DsA At Aa Tk Ket Lps Mn Sem Sju Ssn Tar Sau Pm Arr Nv Ord Tbl Smt Bjo Distribution in Turkey (in codes): 25 36 75 76

**Argynnis Fabricius,1807** (Argynnidae) Synonym(s): *Argynnis Fabricius,1807*; *Mesodryas Reuss,1927*. **Argynnis (Fabriciana) Reuss,1920** (Argynnidae) Synonym(s): *Fabriciana Reuss,1920*; *Profabriciana Reuss,1926*.

172. Argynnis (Fabriciana) adippe (Rottemburg,1775) (Argynnidae) Synonym(s): cydippe Linnaeus,1761 (rejected); berecynthia Poda,1761 (rejected); adippe Rottemburg,1775; phryxa Bergsträβer,1780; margaritacea Retzius,1783; syrinx Borkhausen,1788; aspasia Borkhausen,1788; liriope Borkhausen,1788; baiuwarica Spuler,1901, etc. Range (in codes): Al AM AZ AL Amd At Bn Kts AT Aty Ba BE BG BY CH CN CZ DE DK EE ES FI FR GB GG GR HU Ir IR IT JP Ju KK KG Kl KP Kr Ld LT LU LV MK MN NL NO PK Gg PL Pm PT RO RU SE Si SK Sm So Sr TR Ts T-S UA Ui Prj Us YU Cw Dv Smt H-W Sur Ssx Ken Uk Buc Tar DsA TrA KuA Ax Um Adu Mu Mz Arr Geg Aj Smt Kak Bjo Lag Cc Distribution in Turkey (in codes): 01 05 06 07 08 10 11 14 16 25 31 32 33 34 37 39 42 43 46 53 58 67 74 75 76 77 78

Argynnis (Fabriciana) adippe adippe (Rottemburg,1775) (Argynnidae) Synonym(s): cydippe Linnaeus,1761 (rejected); berecynthia Poda,1761 (rejected); adippe Rottemburg,1775; phryxa Bergsträβer,1780; margaritacea Retzius,1783; syrinx Borkhausen,1788; aspasia Borkhausen,1788; liriope Borkhausen,1788; baiuvarica Spuler,1901, etc. Range (in codes): AZ AM AL At Kts AT Aty Ba BE BG Bs Bw BY Cb CH CZ DE DK EE ES FI FR GB GR HU IT IR Mz GG KG Kg Kt Kw LT LU LV MK Mn NL No NO Om Or PL Pp PT Pw RO Rp RU Sb SE Si SK Sm So Sp Sr TR Tt Ty UA Uk YU Cw Dv Smt H-W Sur Ssx Ken Uk Buc Arr Geg Aj Smt Kak Bjo Lag Cc Distribution in Turkey (in codes): 05 06 08 10 11 14 16 25 34 37 39 43 53 58 67 74 75 76 77 78

**Argynnis (Fabriciana) adippe taurica Staudinger,1878** (Argynnidae) Synonym(s): taurica Staudinger,1878 Range (in codes): **TR** 01 07 31 32 33 42 46

**173. Argynnis (Fabriciana) niobe (Linnaeus,1758)** (Argynnidae) Synonym(s): *niobe Linnaeus,1758*. Range (in codes): Kz Elb Dam Gor AL Am At Sj Kts AT Aty Ba BE BG BY CH CN CZ DE DK EE ES FI FR GR HU Ir IT KG KK Kr **LB** LT LU LV MK MN NL NO PL PT RO RU Sb SE Si SK Sm So Sr Sz **TR** UA Ui Ku Um Adu Uk Vl YU Sau Tar DsA TrA KuA Ax Ket T-S AM GG AZ **IQ** IR **IL** TM Kp TJ His Drw Pm Al Mu Nv Ord Tbl Smt Bjo Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 11 12 13 14 15 16 18 23 24 25 27 29 30 31 32 33 35 36 38 39 42 43 44 46 47 48 49 50 51 53 56 58 60 61 62 65 66 69 71 70 73 74 76 80

**Argynnis (Fabriciana) niobe gigantea Staudinger,1871** (Argynnidae) Synonym(s): *gigantea Staudinger,1871*; taura Röber,1896; orgowa Teich,1901; #kuhlmanni Seitz,[1908]; #philistra Seitz,[1908]; ancyrensis Rebel,1931; khusestana Gross & Ebert,1975.

Range (in codes): IR Gor IL He LB TR IR Kz AM GG AZ Nv Ord Tbl Smt Bjo Cc IQ Distribution in Turkey (in codes): 01 03 04 05 06 07 08 11 12 13 14 15 16 18 23 24 25 27 29 30 31 32 33 35 36 38 39 42 43 44 46 47 48 49 50 51 53 56 58 60 61 62 65 66 69 70 71 73 74 76 80

Argynnis (Pandoriana) B.C.S.Warren,1942 (Argynnidae) Synonym(s): Pandoriana B.C.S.Warren,1942

**174. Argynnis (Pandoriana) pandora ([Denis & Schiffermüller],1775)** (Argynnidae) Synonym(s): pandora [Denis & Schiffermüller],1775; maja Cramer,1775 nec Fabricius,1775; cynara Fabricius,1777; cyrnea Schwerda,1926; transcaucasica Moucha ,1967; deserticola Gross & Ebert,1975. Range (in codes): AF AL AM At AT AZ BG B-H BY CH CN Cn Co Cr CZ DZ DE EE ES Fe FR GG GR HU HV **IQ** IR IT **LB** Kr MA MK PL PT RO RU Sa Si SK Sr SS TJ Pm TM TN **TR** T-S UA Ui UZ VI YU Z-G LAT Wn **SY** Aq Uk KG Nym Buc Ktm Sau Tar DsA Ket Bog Tu TeA KuA TrA Tm Ax KK Um PK Gg Ci Adr Mu Mu18 Um Ae **CY** T-S Elb Th Nv Ord Tbl Bjo Smt Cc Mos Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 46 47 48 49 50 51 52 53 55 56 58 60 61 62 63 65 66 67 69 70 71 72 73 74 76 77 78 80 81

**Argynnis (Pandoriana) pandora pandora ([Denis & Schiffermüller],1775)**(Argynnidae) Synonym(s): pandora [Denis & Schiffermüller],1775; maja Cramer,1775 nec Fabricius,1775; cynara Fabricius,1777; cyrnea Schwerda,1926; transcaucasica Moucha ,1967; deserticola Gross & Ebert,1975. Range (in codes): IL He Ae AL AM At AT AZ BG B-H BY CH CN Cn Co Cr CZ DE EE ES Fe Mu FR GG GR HU HV **IQ** IR Elb Th IT **LB** Kr MK PL PT RO RU Sa Si SK Sr SS **TR** UA UZ VI YU Z-G LAT Wn **SY** Aq Uk KG **CY** Mu Mu18 Nv Ord Tbl Bjo Smt Mos Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 46 47 48 49 50 51 52 53 55 56 58 60 61 62 63 65 66 67 69 70 71 72 73 74 76 77 78 80 81

**Argynnis (Speyeria) Scudder,1872** (Argynnidae) Synonym(s): *Speyeria Scudder,1872*; *Mesoacidalia Reuss,1926* 

175. Argynnis (Speyeria) aglaja (Linnaeus,1758) (Argynnidae) Synonym(s): aglaja Linnaeus,1758; charlotta Haworth,1802; emilia Acerbi,1802 nec Cr.,1779; caroletta Jermyn,1827; locuples Verity,1919 nec Butler,1879; emilocuples Verity,1919; locupletata Verity,1922; montesignum Sagarra,1926. Range (in codes): AM AL At Bn Kts AT Aty Ba BE BG BY CH CN CZ DE DK EE ES Mu FI FR GB GG GR HU IE IT Ju KG KK LT LU LV MK MN NL NO PL PT RO RU SE Si SK Sm So Sr St TR T-S UA Ui Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken Sau Tar DsA TrA KuA Ax PK Ci Nwf Arr Geg Smt Akh Bku Bjo Sva Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 13 14 16 18 24 25 26 28 29 30 31 32 33 34 36 37 39 42 43 46 50 51 52 53 57 58 60 61 62 65 66 67 69 74 75 76 78

Argynnis (Speyeria) aglaja aglaja (Linnaeus,1758) (Argynnidae) Synonym(s): aglaja Linnaeus,1758; charlotta Haworth,1802; emilia Acerbi,1802 nec Cr.,1779; caroletta Jermyn,1827; locuples Verity,1919 nec Butler,1879; emilocuples Verity,1919; locupletata Verity,1922; montesignum Sagarra,1926. Range (in codes): AL Aq At Bn Kts AT Aty Ba BE BG Bs Bw BY Cb CH CN CZ Db DE DK EE ES FI FR GB GR HU IE IT KG Kg KK Kw LT LU LV MK MN Mn NL No NO Om Or PL Pp PT RO Rp RU Sb SE Sem Si SK Sm So Sp Sr St Tk Tm TR UA Ui Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken Sau Tar T-S DsA Ax Mu Cc Distribution in Turkey (in codes): 03 04 05 06 08 10 11 13 14 16 18 24 25 26 28 29 30 34 36 37 39 43 50 52 53 57 58 60 61 62 65 66 67 69 74 75 76 78

**Argynnis (Speyeria) aglaja ottomana Röber,1896** (Argynnidae) Synonym(s): ottomana Röber,1896 Range (in codes): **TR** Distribution in Turkey (in codes): 01 03 07 31 32 33 42 46 51

**Argynnis (s.str.) Fabricius,1807** (Argynnidae) Synonym(s): *Argynnis Fabricius,1807*; *Mesodryas Reuss,1927*.

176. Argynnis (s.str.) paphia (Linnaeus,1758) (Argynnidae) Synonym(s): paphia Linnaeus,1758; valesina Esper,[1798]; magnata Verity,1919; revelata Verity,1934; magnifica Verity,1919; magnificamagnata Verity,1950. Range (in codes): Ae AL Am At Kts AT Ba BE BG B-H BY CH CN Co CZ DE DK EE ES FI FR GB GR HU HV IE Ir IT JP Kb Kc KG KK KP Kr LT LU LV MK MA MN Mn NL NO Or PL PT RO RU Sa Sb SE Sh Si SK Sm So Sp Sr SS TR Arr T-S UA Ui Um Adu Uk Vl Ya YU Cw Dv Smt H-W Sur Ssx SY Kuz Sli Tar Ket DsA Sa DZ Mu Bn KuA TrA IQ Ama IR Gh Mz Elb Cc AM GG AZ Geg Len Smt Bjo Aj Distribution in Turkey (in codes): 01 02 05 06 07 08 09 10 11 13 14 16 17 24 25 29 30 31 32 33 34 35 36 37 39 41 42 43 46 48 52 53 55 60 61 62 65 67 73 74 75 76 77 78 81

**Argynnis (s.str.) paphia delila Röber,1896** (Argynnidae) Synonym(s): *delila Röber,1896* Range (in codes): **TR SY IQ** Ama 01 07 13 31 32 33 42 46 48 65 73

Argynnis (s.str.) paphia paphia (Linnaeus,1758) (Argynnidae) Synonym(s): paphia Linnaeus,1758; valesina Esper,[1798]; magnata Verity,1919; revelata Verity,1934; magnifica Verity,1919; magnificamagnata Verity,1950. Range (in codes): Aa Ae AL Am At Kts AT Ba BE BG B-H Bs Bw BY Cb CH CN CZ DE DK EE ES FI FR GB GR HU HV IE Ir IT Kb Kc KG Kg KK Kr Kt Kw LT LU LV MK MN Mn NL No NO Om Or PL Pp PT Pw RO RU Sa Sb SE Sh Si SK Sm So Sp Sr SS Tk TR T-S UA Ui Uk VI Ya YU Cw Dv Smt H-W Sur Ssx Um Adu Mu Bn Kuz Sli Tar T-S Ket DsA

KuA TrA Cc AM GG AZ Geg Len Smt Bjo Aj Arr Distribution in Turkey (in codes): 02 05 06 08 09 10 11 14 16 17 24 25 29 30 34 35 36 37 39 41 43 52 53 55 60 61 62 67 74 75 76 77 78 81

Brenthis Hübner,[1819] (Argynnidae) Synonym(s): Brenthis Hübner,[1819]; Neobrenthis Koçak,1980.

177. Brenthis daphne (Bergsträsser,1780) (Argynnidae) Synonym(s): daphne Bergsträsser,1780; chloris Esper,1778 nec Fabricius,1775; epidaphne Fruhstorfer,1907; nikator Fruhstorfer,1909; tenuitermaculosa Verity,1922; syriaca Belter,1935; anatolica Belter,1935. Range (in codes): AZ Sms At AT Ba BG BY CH CN DE ES FR Co GG GR HU IT JP LT IR Ak MK PL RO RU Si SK Sm So Sr TR UA YU KG Uk TM Kp T-S TrA DsA Tar Sau Da Bjo Smt Cc Distribution in Turkey (in codes): 01 03 05 07 08 10 11 13 15 16 17 20 22 23 24 25 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 49 59 60 62 69 73 76 80

**Brenthis daphne daphne (Bergsträsser,1780)** (Argynnidae) Synonym(s): daphne Bergsträsser,1780; chloris Esper,1778 nec Fabricius,1775; epidaphne Fruhstorfer,1907; nikator Fruhstorfer,1909; tenuitermaculosa Verity,1922; syriaca Belter,1935; anatolica Belter,1935. Range (in codes): AZ Sms At AT Ba BG BY CH CN DE ES FR Co GG GR HU IT IR Ak JP LT MK PL RO RU Si SK Sm So Sr **TR** UA YU KG Uk T-S TM Kp TrA DsA Tar Sau Da Bjo Smt Cc Distribution in Turkey (in codes): 01 03 05 07 08 10 11 13 15 16 17 20 22 23 24 25 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 49 59 60 62 69 73 76 80

178. Brenthis hecate ([Denis & Schiffermüller],1775) (Argynnidae) Synonym(s): hecate [Denis & Schiffermüller],1775; harmothoe Fruhstorfer,1917; florida Verity,1919; stricta Verity,1933. Range (in codes): Buc At Bn Al AT Ba BG BY CZ ES Mu FR GG Aj AM Arr Da Cc GR HU IT IR Ak Kr LT MK RO RU SK Sm Sr TR UA Vl YU LAT Wn T-S KG Pm Sb Ur Nym Tar Sau TrA DsA Aa Tk Tu TM Kp CN Ui Distribution in Turkey (in codes): 03 05 06 08 10 13 16 23 24 25 29 30 34 36 37 39 42 44 49 58 60 62 65 66 69 70 73 74 75 76

Brenthis hecate hecate ([Denis & Schiffermüller],1775) (Argynnidae) Synonym(s): hecate [Denis & Schiffermüller],1775; harmothoe Fruhstorfer,1917; florida Verity,1919; stricta Verity,1933. Range (in codes): AT Ba BG BY Cm CZ ES FR GR HU IT LT MK RO RU SK Sm Sr TR UA VI YU LAT Wn Sb Ur KG Distribution in Turkey (in codes): 10 16 34 39

Brenthis hecate transcaucasica Wnukowsky,1929 (Argynnidae) Synonym(s): #caucasia Staudinger,1861; caucasica Staudinger,1871 nec Lederer,1852; transcaucasica Wnukowsky,1929. Range (in codes): GG Cc Aj AM Arr Da TR IR Ak TM Kp Distribution in Turkey (in codes): 03 05 06 08 13 23 24 25 29 30 36 37 42 44 49 58 60 62 65 66 69 70 73 74 75 76

179. **Brenthis ino (Rottemburg,1775)** (Argynnidae) Synonym(s): ino Rottemburg,1775; dictynna [Denis & Schiff.],1775; parthenie Bergsträβer,1780; flavomaculatus Retzius,1783; adula, tergesta, eporedia Fruhst.,1910; pyrenaica Sagarra,1925; asiaepallens Verity,1933; sesquierilda Verity,1957. Range (in codes): At Kts AT Aty Ba BE BG BY CH CN Ui CZ DE DK EE ES FI FR GG Cc Tbl Mng AM Arr HU IT JP KG KK KP KR Ku LT LU LV MK MN NL NO PL RU SE SK Sm So Sr **TR** UA Ui Vl YU Kuz Sli Sau Tar T-S TrA TeA DsA Distribution in Turkey (in codes): 24 25 36 39 60 69 76

Brenthis ino ino (Rottemburg,1775) (Argynnidae) Synonym(s): ino Rottemburg,1775; dictynna [Denis & Schiff.],1775; parthenie Bergsträßer,1780; flavomaculatus Retzius,1783; adula, tergesta, eporedia Fruhst.,1910; pyrenaica Sagarra,1925; asiaepallens Verity,1933; sesquierilda Verity,1957. Range (in codes): Aq At Kts AT Aty Ba BE BG Bs Bw BY Cb CH CN Ui CZ DE DK EE FI FR GG Cc Tbl Mng AM Arr HU IT Ju KG Kg KK Kt Kw LT LU LV MK Mn NL No NO Om Or PL Pp RU Sb SE Sem SK Sm So Sp Sr Tk TR Ty UA Ui Uk Vl YU Kuz Sli Distribution in Turkey (in codes): 39

**Brenthis ino schmitzi Wagener,1983** (Argynnidae) Synonym(s): *schmitzi Wagener,1983* Range (in codes): **TR** Cc AZ AM Distribution in Turkey (in codes): 24 25 36 69 76

**180. Brenthis mofidii Wyatt,1968** (Argynnidae) Synonym(s): *mofidii Wyatt,1968* Range (in codes): Elb IR Mz TR IQ Er Ry Distribution in Turkey (in codes): 30 65

**Brenthis mofidii zabensis Leestmans & Carbonell,1993** (Argynnidae) Synonym(s): zabensis Leestmans & Carbonell,1993 Range (in codes): **TR IQ** Er Ry Distribution in Turkey (in codes): 30 65

**Issoria Hübner,[1819]** (Argynnidae) Synonym(s): Issoria Hübner,[1819]; Rathora Moore,[1900]; Yramea Reuss,1920; Kukenthaliella Reuss,1921; Prokuekenthaliella Reuss,1926; Pseudorathora Reuss,1926; Chilargynnis Bryk,1945

181. Issoria lathonia (Linnaeus,1758) (Argynnidae) Synonym(s): lathonia Linnaeus,1758; saturata Röber,1897; hungarica Aigner-Abafi,1906; florens Verity,1916; emiflorens Verity,1919; attenuata Sagarra,1926; nigroprivata Verity,1933. Range (in codes): Adr AF AL At Kts AT Ba BE BG B-H BY Ch CH CN Cn Co CZ DE DK DZ EE ES FI FR GB GR HU HV IE IR IT KG KK Kr LB Ld LT LU LV MA MK NL NO PK PL PT RO RU Sa SE Sem Si SK Sm So Sr SS TJ Tk TM TN TR T-S UA Ui Uk UZ Vl YU NP SI Ken Tm Sau Tar DsA TrA KuA Ax TeA Mu Mu18 T-T Sz Ket PK Ci Nwf Sfk Bl MM Abb Mre IQ Cc GG AZ AM Nv MD Tls T-S Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 48 49 50 51 52 53 55 56 57 58 59 60 61 62 65 66 67 69 70 71 73 74 75 76 77 78 80 81

Issoria lathonia lathonia (Linnaeus,1758) (Argynnidae) Synonym(s): lathonia Linnaeus,1758; saturata Röber,1897; hungarica Aigner-Abafi,1906; florens Verity,1916; emiflorens Verity,1919; attenuata Sagarra,1926; nigroprivata Verity,1933. Range (in codes): IL He Adr AF AL At Kts AT Ba BE BG B-H Bw BY Ch CH CN Cn Co CZ DE DK DZ EE ES FI FR GB GR HU HV IE IR IT KG KK Kr LB Ld LT LU LV MA MK NL NO NP PK PL PT RO RU Sa SE Sem SI Si SK Sm So Sr SS Ti TJ Tk TM TN TR UA Uk UZ VI YU Ken Tm Sau Tar DsA TrA KuA Ax Mu Mu18 T-S Tls TeA Ket Bl IQ Cc GG AZ AM Nv MD Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 48 49 50 51 52 53 55 56 57 58 59 60 61 62 65 66 67 69 70 71 73 74 75 76 77 78 80 81

**Boloria Moore,[1900]** (Argynnidae) Synonym(s): *Boloria Moore,[1900]; Smoljana Slivov,1995.* **Boloria (Clossiana) Reuss,1920** (Argynnidae) Synonym(s): *Clossiana Reuss,1920* 

**182.** Boloria (Clossiana) dia (Linnaeus,1767) (Argynnidae) Synonym(s): dia Linnaeus,1767; diniensis Fruhstorfer,1909; leonina Fruhstorfer,1909; disconota Krulikowsky,1909; laetior Verity,1919. Range (in codes): Cc AZ GG Tbl Smt Bjo AL Bn At Kts AT Ba BE BG BY Cb CH CZ DE EE ES FR GR HU IT KG Kg Kr Kw LT LU LV MK Mn NL No Om Or PL Pp Pw RO RU Sem SK Sm So Sp Sr Tk **TR** Tt Bs Ty UA Uk Vl YU DsA Sau Ket Tar T-S CN Ui Distribution in Turkey (in codes): 05 08 14 16 34 39 41 53 55 61 67 76

**Boloria (Clossiana) dia dia (Linnaeus,1767)** (Argynnidae) Synonym(s): *dia Linnaeus,1767; diniensis Fruhstorfer,1909; leonina Fruhstorfer,1909; disconota Krulikowsky,1909; laetior Verity,1919.* Range (in codes): AZ GG Cc Tbl Smt Bjo AL AT Ba BE BG BY Cb CH CZ DE EE ES FR GR HU IT KG Kg Kr Kw LT LU LV MK Mn NL No Om Or PL Pp Pw RO RU Sem SK Sm So Sp Sr Tk **TR** Tt Bs Ty UA Uk Vl YU Distribution in Turkey (in codes): 05 08 14 16 34 39 41 53 55 61 67 76

183. Boloria (Clossiana) euphrosyne (Linnaeus,1758) (Argynnidae) Synonym(s): euphrosyne Linnaeus,1758; argenticollis Retzius,1783; fingal Herbst,1800; densoi Fruhstorfer,1909; apennina Fruhstorfer,1916; cynosoma Fruhstorfer,1916; nestonclara Verity,1932; eminens Verity,1932; varianana Verity,1932; austreminens Verity,1950, etc. Range (in codes): AL At Bn Kts AT Aty Ba Bw Rp BE BG BY CH CN CZ DE DK EE ES FI FR GB GG Cc Abk Smt Bjo GR HU IE IT IR Ak KG Kr LT LU LV MK MN NL NO PL PT RO RU SE Si SK Sm So Sr Sj TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 01 03 05 06 08 14 16 18 22 25 26 29 31 30 36 37 41 43 52 57 60 61 66 74 75 78 81

Boloria (Clossiana) euphrosyne euphrosyne (Linnaeus,1758) (Argynnidae) Synonym(s): euphrosyne Linnaeus,1758; argenticollis Retzius,1783; fingal Herbst,1800; densoi Fruhstorfer,1909; apennina Fruhstorfer,1916; cynosoma Fruhstorfer,1916; nestonclara Verity,1932; eminens Verity,1932; varianana Verity,1932; austreminens Verity,1950, etc. Range (in codes): AL AT Kts Aty Ba BE BG BY CH CN CZ DE DK EE ES FI FR GB GR GG Cc Abk Smt Bjo HU IE IT IR Ak KG LT LU LV MK NL NO PL PT RO RU SE Si SK Sm So Sr TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 01 03 05 06 08 14 16 18 22 25 26 29 30 31 36 37 41 43 52 57 60 61 66 74 75 78 81

Boloria (Proclossiana) Reuss, 1926 (Argynnidae) Synonym(s): Proclossiana Reuss, 1926

**184. Boloria (Proclossiana) eunomia (Esper,[1799])** (Argynnidae) Synonym(s): *eunomia Esper,[1799]*; *aphirape Hübner,[1800]*; *tomyris Herbst,1800*. Range (in codes): AT At Kts Ba BG Stp Cc **TR** BL BY CZ DE Bv Bw EE ES FI FR IT LT LU LV NO PL RU No Sb SE Sr UA KG Nym Mn CAt WAt Trt US Col Mai Mch Mns Mon Wc Wy CA Lbr Mnt Abt Als Distribution in Turkey (in codes): 75

**Boloria (Proclossiana) eunomia ssp.** (Argynnidae) Range (in codes): **TR** Cc Distribution in Turkey (in codes): 75

Boloria (s.str.) Moore,[1900] (Argynnidae) Synonym(s): Boloria Moore,[1900]; Smoljana Slivov,1995.

**185.** Boloria (s.str.) caucasica (Lederer,1852) (Argynnidae) Synonym(s): caucasica Lederer,1852; pontica Crosson du Cormier, Guérin & De Lesse,1957.

Distribution in Turkey (in codes): 08 29 52 53 61 75

Range (in codes): AM Arr GG Cc Smt Bku Kc Os RU Da TR

**Boloria (s.str.) caucasica caucasica (Lederer,1852)** (Argynnidae) Synonym(s): caucasica Lederer,1852; pontica Crosson du Cormier, Guérin & De Lesse,1957. Range (in codes): AM Arr GG Cc Smt Bku Kc Os RU Da TR Distribution in Turkey (in codes): 08 29 52 53 61 75

**186. Boloria (s.str.) graeca (Staudinger,1870)** (Argynnidae) Synonym(s): *graeca Staudinger,1870* Range (in codes): AL BG B-H FR GR IT MK RO TR Cc YU Distribution in Turkey (in codes): 25 76

**Boloria (s.str.) graeca karina Van Oorschot & Wagener,1990** (Argynnidae) Synonym(s): karina Van Oorschot & Wagener,1990 Range (in codes): Cc TR Distribution in Turkey (in codes): 25 76

**Melitaea Fabricius, 1807** (Argynnidae) Synonym(s): *Melitaea Fabricius, 1807*; *Lucina Rafinesque, 1815*; Schoenis Hübner, [1819]; *Melinaea Sodoffsky, 1837*.

Melitaea (Cinclidia) Hübner,[1819] (Argynnidae) Synonym(s): Cinclidia Hübner,[1819]

187. Melitaea (Cinclidia) (phoebe) phoebe (Goeze,1779) (Argynnidae) Synonym(s): #phoebe [Denis & Schiffermüller],1775; phoebe Goeze,1779; paedotropos Bergsträßer,[1780]; tremulae Piller & Mitterpacher,1783. Range (in codes): Ae AL Ao At Bn Kts AT Ba BE BG B-H Bw BY CH CZ DE EE ES Mu FR GR HU HV IT KG Kr LT LU LV MK PL PT RO RU Si SK Sm So Sr SS TR UA Uk Vl YU CN Ui Um Tar Sau DsA TrA KuA T-S Arr Nv Ord Smt Bjo AM AZ GG Cc MN Distribution in Turkey (in codes): 01 04 05 06 08 10 11 13 14 16 17 21 22 23 24 25 26 27 30 31 33 34 36 39 41 42 44 46 50 51 55 56 58 59 61 62 65 66 69 71 72 73 74 75 77 78 80

Melitaea (Cinclidia) (phoebe) phoebe sextilis Jachontov,1909 (Argynnidae) Synonym(s): #caucasica Staudinger,1861; caucasica Staudinger,1870 nec Stgr.,1861; sextilis Jachontov,1909; ottonis Fruhstorfer,1917; caucasicola Verity,1919; pseudosibina Alberti,1969. Range (in codes): Cc GG AZ TR AM Arr Nv Ord Smt Bjo Distribution in Turkey (in codes): 01 04 05 06 08 10 11 13 14 16 17 22 23 24 25 26 27 30 31 33 34 36 39 41 42 44 46 50 51 55 58 59 60 61 62 65 66 69 71 73 75 77 78 80

**188. Melitaea (Cinclidia) (phoebe) punica Oberthür,1876** (Argynnidae) Synonym(s): *punica Oberthür,1876* Range (in codes): ALb DZ **IL** Pa Hf **JO LB TR** Cc **IQ** Hjo Ama MA **SY** IR Elb Th Bk Fa Ke Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 12 13 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 41 42 43 44 46 48 49 50 51 55 56 58 60 62 65 66 68 69 70 71 73 76 80

**Melitaea (Cinclidia) (phoebe) punica telona Fruhstorfer,1908** (Argynnidae) Synonym(s): telona Fruhstorfer,1908; #fasciata Wiltshire,1946; abbas Gross & Ebert,1975. Range (in codes): He ALb IL Pa Hf **JO LB** Elb Th Bk Fa Ke **TR** Cc **SY IQ** Ama Hjo IR Shr Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 12 13 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 41 42 43 44 46 48 49 50 51 55 56 58 60 62 65 66 68 69 70 71 73 76 80

189. Melitaea (Cinclidia) collina Lederer,1861 (Argynnidae) Synonym(s): collina Lederer,1861 Range (in codes): IL Pa IQ Shq LB SY TR IR Distribution in Turkey (in codes): 01 21 23 24 27 30 31 33 44 46 56 62 63 65 73 80

Melitaea (Cinclidia) collina collina Lederer,1861 (Argynnidae) Synonym(s): collina Lederer,1861 Range (in codes): He IL Pa LB SY TR Distribution in Turkey (in codes): 01 21 23 24 27 31 33 44 46 62 63 80

**Melitaea (Cinclidia) collina lokmani Oorschot & Brink,1994** (Argynnidae) Synonym(s): lokmani Oorschot & Brink,1994 Range (in codes): **IQ** Shq **TR** IR Distribution in Turkey (in codes): 30 47 56 65 73

**190. Melitaea (Cinclidia) turkmanica Higgins,1940** (Argynnidae) Synonym(s): *turkmanica Higgins,1940* Range (in codes): IR Kp TM Cc AM Ved **TR** 

**Melitaea (Cinclidia) turkmanica vedica Nekrutenko,1975** (Argynnidae) Synonym(s): *vedica Nekrutenko,1975* Range (in codes): Cc AM Ved TR

Melitaea (Didymaeformis) Verity,1950 (Argynnidae) Synonym(s): Didymaeformis Verity,1950.

191. Melitaea (Didymaeformis) deserticola Kirby,1877 (Argynnidae) Synonym(s):
#deserticola Oberthür,1876; deserticola Kirby,1877 Range (in codes): DZ EG IL JO LB MA SY TN Ad As Dh Hd OM
SA VE

Melitaea (Didymaeformis) deserticola macromaculata Belter,1934 (Argynnidae) Synonym(s): macromaculata Belter,1934; warnekei Bryk,1940; belteri Bryk,1940. Range (in codes): EG IL JO LB SY

**192. Melitaea** (**Didymaeformis**) **didyma** (**Esper,**[1779]) (Argynnidae) Synonym(s): *didyma Esper,*[1779]; *armoricana Oberthür,*1909. Range (in codes): Ae AL AM Ao Bn At AT AZ Ba BE BG B-H BY CH CN CZ DE EE ES Mu Abr FR GG GR HU HV Ii **IL IQ** IR IT KG KK Kr **LB** LT LU LV MK NL PL PT RO RU RY Si SK Sm So Sr SS **SY** TJ TM **TR** T-S UA Uk UZ Vl YU MA DZ TN DSA AX KuA TrA Ket Mrk Sau Tar Sp Bg Ci Gg Hk PK Pm Ui T-S Ku Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80

**Melitaea (Didymaeformis) didyma didyma (Esper,[1779])** (Argynnidae) Synonym(s): didyma Esper,[1779]; armoricana Oberthür,1909. Range (in codes): Ae AL AM Cc AT AZ BE BG B-H Bw BY CH CZ DE EE ES FR GG GR HU HV **IL IQ** IR IT **LB** LT LU LV MK NL PL PT RO Rp RY Si SK SS **SY TR** UA YU Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80

Melitaea (Didymaeformis) didyma libanotica Belter,1934 (Argynnidae) Synonym(s): libanotica Belter,1934; schwingenschussi Bryk,1940; ibra Higgins,1964. Range (in codes): LB

- Melitaea (Didymaeformis) didyma meridionalis Staudinger,1870 (Argynnidae) Synonym(s): meridionalis Staudinger,1870; patycosana Turati,1911; protea Verity,1916; seilemis Fruhstorfer,1916; marsilia Fruhstorfer,1916; subalpina Verity,1929; microleopardata Verity,1929; magnaestiva Verity,1929; subseilemis Verity,1929; garumna Verity,1929,etc Range (in codes): FR GR TR
- 193. Melitaea (Didymaeformis) fascelis (Fabricius,1787) (Argynnidae) Synonym(s): #trivia Denis & Schiffermüller,1775; iphigenia Esper,1782 (praeoc.); #fascelis Esper,1783; fascelis Fabricius,1787; cleo Latreille,1803 Range (in codes): Ae AL AM At AT AZ Ba BG B-H BY CZ EG ES GG Cc GR HU HV IL Pa Hf IQ IR Zj Fa Bu Ss Ke Elb IT JO KG LB Bei MK MN Or PT RO RU SK Sm Sn So Sr SS SY TM TR UA Uk UZ Smk Vl YU Tls Syr Tm Bog Aq Kw Sp Nym Sau Mrk Tar PK Bl Pj Ci Nwf AF T-S Nv Ord CN Ui Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 20 21 22 23 25 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 47 48 49 50 51 55 56 57 58 59 60 62 63 65 66 69 70 71 72 73 76 77 80 81

**Melitaea (Didymaeformis) fascelis fascelis (Fabricius,1787)** (Argynnidae) Synonym(s): #trivia Denis & Schiffermüller,1775; iphigenia Esper,1782 (praeoc.); #fascelis Esper,1783; fascelis Fabricius,1787; cleo Latreille,1803 Range (in codes): He Ae AL AM At AT AZ Ba BG B-H BY CZ EG ES GG Cc GR HU HV IL Pa Hf IQ IR IT JO KG LB MK PT RO RU SK Sm Sn So Sr SS **SY TR** UA UK UZ VI YU Nv Ord

**Melitaea (Didymaeformis) fascelis nana Staudinger,1871** (Argynnidae) Synonym(s): nana Staudinger,1871; pseudodidyma Rebel,1905; syriaca Rebel,1905; aabaca Fruhstorfer,1917; wyatti Gross & Ebert,1975. Range (in codes): TM Kp **TR** Cc **IQ** IR Zj Fa Bu Ss Ke Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 20 21 22 23 25 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 47 48 49 50 51 55 56 57 58 59 60 62 63 65 66 69 70 71 72 73 76 77 80 81

**Melitaea (Didymaeformis) fascelis pseudodidyma Rebel,1905** (Argynnidae) Synonym(s): pseudodidyma Rebel,1905 Range (in codes): **TR** Distribution in Turkey (in codes): 42

**Melitaea (Didymaeformis) fascelis syriaca Rebel,1905** (Argynnidae) Synonym(s): *syriaca Rebel,1905* Range (in codes): **LB** Bei **JO IL** Pa Hf

194. Melitaea (Didymaeformis) interrupta Kolenati,1846 (Argynnidae) Synonym(s): interrupta Kolenati,1846; #transcaucasica Turati,1919; caucasi Verity,1922; venosata Niesiolowsky,1937; distinctissima Bryk,1940; musatscherii Alberti,1969; itkolensis Alberti,1969. Range (in codes): GG Cc TR IR TM Kp Distribution in Turkey (in codes): 08 25 29 53 61 75

**Melitaea (Didymaeformis) interrupta interrupta Kolenati,1846** (Argynnidae) Synonym(s): interrupta Kolenati,1846; #transcaucasica Turati,1919; caucasi Verity,1922; venosata Niesiolowsky,1937; distinctissima Bryk,1940; musatscherii Alberti,1969; itkolensis Alberti,1969. Range (in codes): GG Cc TR Distribution in Turkey (in codes): 08 25 29 53 61 75

195. Melitaea (Didymaeformis) persea Kollar,[1849] (Argynnidae) Synonym(s): persea Kollar,[1849]; caucasica Staudinger,1861; magnacasta Verity,1929; araratica Verity,1929; sargon Hemming,1932; tauricus Belter,1934; caucasicola Bryk,1940; hafiz Higgins,1941; gina Higgins,1941; darius Gross & Ebert,1975; pfeifferi Gross & Ebert,1975 (praeocc.); wernickei Gross & Ebert,1975; elbursicola Gross & Ebert,1975; safawides Gross & Ebert,1975. Range (in codes): IQ Su Bgd IR Zj Fa By TR JO AF Bl Nwf Ci Pj PK SY LB IL He Pa Hf Kp TM Cc AZ Nv Ord Distribution in Turkey (in codes): 02 13 21 23 24 25 27 30 36 44 46 47 49 56 62 63 65 72 73 75

**Melitaea (Didymaeformis) persea montium Belter,1934** (Argynnidae) Synonym(s): *montium Belter,1934* Range (in codes): **SY LB IL** He Pa Hf

**Melitaea (Didymaeformis) persea persea Kollar,[1849]** (Argynnidae) Synonym(s): persea Kollar,[1849]; caucasica Staudinger,1861; magnacasta Verity,1929; araratica Verity,1929; sargon Hemming,1932; tauricus Belter,1934; caucasicola Bryk,1940; hafiz Higgins,1941; gina Higgins,1941; darius Gross & Ebert,1975; pfeifferi Gross & Ebert,1975 (praeocc.); wernickei Gross & Ebert,1975; elbursicola Gross & Ebert,1975; safawides Gross & Ebert,1975. Range (in codes): **1Q** Su Bgd IR Zj Fa By **TR JO** Cc AZ Nv Ord Distribution in Turkey (in codes): **02** 13 21 23 24 25 27 30 36 44 46 47 49 56 62 63 65 72 73 75

Melitaea (Mellicta) Billberg, 1820 (Argynnidae) Synonym(s): Mellicta Billberg, 1820

196. Melitaea (Mellicta) athalia (Rottemburg,1775) (Argynnidae) Synonym(s): athalia Rottemburg,1775; eos Rossi,1803 nec Rossi,1794; pyronia Hübner,1804; aphaea Hübner,1816; tessellata Stephens,1827; britanna Verity,1914; luciflua Fruhstorfer,1916; vividior Gouin,1922; anatolica F.Wagner,1929; subluciflua Verity,1935; mixtaceladussa Verity,1940; neglecta Pfau,1962 Range (in codes): AL AT Ba BG B-H BL BY CH CZ DE DK EE ES Mu FI FR GB GR HU HV IT JP LT LU LV MK NL NO PL PT RO Rh RU SE Si SK Sm So Sr SS TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken At Bn Kts GG Kak Lag Smt Bjo Cc CN Ui Distribution in Turkey (in codes): 01 03 05 06 08 10 11 16 17 18 19 24 25 29 30 31 33 34 36 37 39 42 52 53 54 55 58 60 61 62 66 69 73 74 75 78

Melitaea (Mellicta) athalia athalia (Rottemburg,1775) (Argynnidae) Synonym(s): athalia Rottemburg,1775; eos Rossi,1803 nec Rossi,1794; pyronia Hübner,1804; aphaea Hübner,1816; tessellata Stephens,1827; britanna Verity,1914; luciflua Fruhstorfer,1916; vividior Gouin,1922; anatolica F.Wagner,1929; subluciflua Verity,1935; mixtaceladussa Verity,1940; neglecta Pfau,1962 Range (in codes): AL Ba BG B-H BL Bw BY CZ DE DK EE GB GR HU HV LT LU LV MK NL PL RO Rp RU SK Sm So Sr SS TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken GG Kak Lag Smt Bjo Cc Distribution in Turkey (in codes): 01 03 05 06 08 10 11 16 17 18 19 24 25 29 30 31 33 34 36 37 39 42 52 53 54 55 58 60 61 62 66 69 73 74 75 78

- 197. Melitaea (Mellicta) aurelia (Nickerl,1850) (Argynnidae) Synonym(s): parthenie Borkhausen,1788 nec Bergsträβer,[1780]; aurelia Nickerl,1850; #serotina Oberthür,1909; lucasi Verity,1920. Range (in codes): Am At AU Ba BG B-H BL BY CH CN CZ DE EE FR GG Cc GR HU HV Ir IT KG KP LT LU LV MN PL Py RO RU Sb SK Sm So Sp Sr SS Tek TR T-S UA Ui Prj Us Vl YU Nrk TeA Distribution in Turkey (in codes): 05 08 25 39 53 69 75 76
- **Melitaea (Mellicta) aurelia ciscaucasica (Rjabov,1926)** (Argynnidae) Synonym(s): ciscaucasica Rjabov,1926; albimacula Wojtusiak & Niesiolowski,1946. Range (in codes): Cc GG TR Distribution in Turkey (in codes): 05 08 25 39 53 69 75 76
- 198. Melitaea (Mellicta) britomartis (Assmann,1847) (Argynnidae) Synonym(s): britomartis Assmann,1847; veronicae Dorfmeister,1853. Range (in codes): AT Ba BG TR BY CH CZ DE HG Ir IT KG KP MN PL RO RU SE SK Sm So Sr SS UA At Bn Sj Kts Sp Sau Mrk Tar DsA Distribution in Turkey (in codes): 39
- **Melitaea (Mellicta) britomartis britomartis (Assmann,1847)** (Argynnidae) Synonym(s): britomartis Assmann,1847; veronicae Dorfmeister,1853. Range (in codes): AT BG **TR** Bw BY CH CZ DE HG Ir KP PL RO RU SE SK SS UA Distribution in Turkey (in codes): 39
- 199. Melitaea (Mellicta) caucasogenita Verity,1930 (Argynnidae) Synonym(s): caucasogenita Verity,1930 Range (in codes): Cc GG TR Distribution in Turkey (in codes): 75
- **Melitaea (Mellicta) caucasogenita caucasogenita Verity,1930** (Argynnidae) Synonym(s): caucasogenita Verity,1930 Range (in codes): Cc GG TR Distribution in Turkey (in codes): 75
  - Melitaea (s.str.) Fabricius, 1807 (Argynnidae) Synonym(s): Melitaea Fabricius, 1807
- **200. Melitaea (s.str.) arduinna (Fabricius,1787)** (Argynnidae) Synonym(s): arduinna Fabricius,1787; rhodopensis Freyer,[1836]; uralensis Eversmann,1844. Range (in codes): Aa AF At Bn Ba BG CN Db GR KG KK MK RO RU Sr TJ Tk **TR** Cc T-S UA Ui UZ **JO** Buc Nym Ktm Tar Sau DsA TrA Tu Bog Mkk IR Zj Elb Th Lo **IQ** 01 02 05 07 10 13 21 24 25 27 30 31 32 36 39 42 43 44 46 47 49 56 65 72 73 80
- **Melitaea (s.str.) arduinna arduinna (Fabricius,1787)** (Argynnidae) Synonym(s): arduinna Fabricius,1787; rhodopensis Freyer,[1836]; uralensis Eversmann,1844. Range (in codes): Aa AF At Bn Ba BG CN Db Dj GR KG KK MK RO RU Sem Sr TJ Tk **TR** Cc T-S UA Ui Buc Nym Ktm Tar Sau DsA TrA Tu Bog Mkk Distribution in Turkey (in codes): 01 02 05 07 10 13 21 24 25 27 31 32 36 42 43 44 46 47 49 56 72 73 80
- **Melitaea (s.str.) arduinna evanescens Staudinger,1886** (Argynnidae) Synonym(s): evanescens Staudinger,1886; #fulminans Staudinger,1886. Range (in codes): IR Zj Elb Th Lo **JO** KG KK **TR** UZ **IQ**
- **Melitaea (s.str.) arduinna kocaki Wagener & Gross,1976** (Argynnidae) Synonym(s): *kocaki Wagener & Gross,1976*. Range (in codes): **TR** Distribution in Turkey (in codes): 30 65
- **201. Melitaea (s.str.) cinxia (Linnaeus,1758)** (Argynnidae) Synonym(s): *cinxia Linnaeus,1758; abacus Retzius,1783; fulla Quensel,1791.* Range (in codes): AL At Bn Kts AT Ba BE BG B-H BY CH CN CZ DE DK DZ EE ES Mu FI FR GB GR HU HV IT **IQ** IR Elb Ab Ak Fa KG Kr Ku LT LU LV MK MA MN NL NO PL PT RO RU SE Si SK Sm So Sr SS **TR** UA Ui Uk Vl YU Sau Tar DsA TrA Mz GG AZ AM Nv Ord Smt Bjo Tbl Cc MD T-S Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 12 13 14 16 17 18 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 49 50 51 52 55 56 58 60 61 62 65 66 69 70 71 73 74 76 80
- **Melitaea (s.str.) cinxia clarissa Staudinger,1901** (Argynnidae) Synonym(s): *clarissa Staudinger,1901*; #tschujaca Seitz,1909; sacaria Fruhstorfer,1917; riloensis Züllich. Range (in codes): **IL** He AL At Bn Ba BG BY CN Dj GR **IQ** IR Ab Ak KG Kr **LB** MK MN RU Sb Sem Sm So Sr Tk **TR** UA Ui Uk Vl Ya Sau Tar T-S DsA TrA GG AZ AM Nv Ord Smt Bjo Tbl Cc MD Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 12 13 14 16 17 18 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 49 50 51 52 55 56 58 60 61 62 65 66 69 70 71 73 74 76 80
- **202. Melitaea (s.str.) diamina (Lang,1789)** (Argynnidae) Synonym(s): dictynna Esper,1778 nec [Denis & Schiffermüller],1775; diamina Lang,1789; magnaobscura Verity,1931. Range (in codes): Bn At Kts AT Ba BE BG BY CH CZ DE DK EE ES FI FR HU IT Kr LU LV MK MN NL PL RO RU SE SK Sm So Sr **TR** UA YU KG Mn At Sb Ur AM AZ GG Arr Lag Kak Smt Bjo Cc Distribution in Turkey (in codes): 08 25 29 61 75
- **Melitaea (s.str.) diamina diamina (Lang,1789)** (Argynnidae) Synonym(s): dictynna Esper,1778 nec [Denis & Schiffermüller],1775; diamina Lang,1789; magnaobscura Verity,1931. Range (in codes): vAm AT Ba BE BG B-H Bw BY CH CZ DE DK EE FI FR HU HV IT Kr LU LV MK NL PL RO Rp RU SE SK Sm So Sr SS **TR** UA YU AM AZ GG Arr Lag Kak Smt Bjo Cc Distribution in Turkey (in codes): 08 25 29 61 75
  - Euphydryas (Eurodryas) Higgins,1978 (Argynnidae) Synonym(s): Eurodryas Higgins,1978
- **203.** Euphydryas (Eurodryas) aurinia (Rottemburg,1775) (Argynnidae) Synonym(s): aurinia Rottemburg,1775; artemis [Denis & Schiffermüller],1775; lye Bergsträßer,[1779]; koloswarensis Piller & Mitterpacher,1783;

scotica Robson,1880; signifera Kane,1893; anglicana Fruhstorfer,1917; acedia Fruhstorfer,1917. Range (in codes): AL Alt Bn At Kts AT Ba BE BG BY CH CN CZ DE DK EE ES Mu FI FR GB GR HU IR Elb Th IE IT Kno KP Kr LT LU LV MK NL PL PT RO Rth RU SE SK Sm So Sr **TR** Ts UA Ui Vl YU Cw Dv Smt H-W Sur Ssx Ken Ts Kno Rth Cc Distribution in Turkey (in codes): 05 06 08 14 16 18 25 29 30 34 36 39 46 53 59 62 65 69 73 75 76

**Euphydryas (Eurodryas) aurinia bulgarica (Fruhstorfer,1917)** (Argynnidae) Synonym(s): bulgarica Fruhstorfer,1917 Range (in codes): BG Rh Ril **TR** Cc Distribution in Turkey (in codes): 05 06 08 14 16 18 25 29 30 34 36 39 46 53 59 62 65 69 73 75 76

- **204.** Euphydryas (Eurodryas) orientalis (Herrich-Schäffer,[1845]) (Argynnidae) Synonym(s): *orientalis Herrich-Schäffer,[1845]; amasina Seitz,1908.* Range (in codes): **TR** Distribution in Turkey (in codes): 05 06 16 18 23 42 43 44 71
- **205.** Euphydryas (Eurodryas) orientalis orientalis (Herrich-Schäffer,[1845]) (Argynnidae) Synonym(s): orientalis Herrich-Schäffer,[1845]; amasina Seitz,1908. Range (in codes): TR Distribution in Turkey (in codes): 05 06 16 18 23 42 43 44 71

Euphydryas (Hypodryas) Higgins,1978 (Argynnidae) Synonym(s): Hypodryas Higgins,1978

**206. Euphydryas (Hypodryas) iduna (Dalman,1816)** (Argynnidae) Synonym(s): *iduna Dalman,1816*; *ichnea Boisduval,1832* Range (in codes): At Kts BY FI Kc MN NO RU Sb SE **TR** Ya CN Ui Distribution in Turkey (in codes): 04

Euphydryas (Hypodryas) iduna inexpectata (Sheljuzhko,1934) (Argynnidae) Synonym(s): inexpectata Sheljuzhko,1934 Range (in codes): Kc RU TR Arr Distribution in Turkey (in codes): 04

#### RIODINIDAE

Hamearis Hübner, [1819] (Riodinidae) Synonym(s): Hamearis Hübner, [1819]

**207. Hamearis lucina (Linnaeus,1758)** (Riodinidae) Synonym(s): *lucina Linnaeus,1758* Range (in codes): AL AT BE BG BY CH CZ DE DK EE ES FR GB GR HU IT LT LU LV NL PL PT RO RU SE Si SK Sr **TR** UA YU Sur Ssx Ken Distribution in Turkey (in codes): 34 39

**Hamearis lucina (Linnaeus,1758)** (Riodinidae) Synonym(s): *lucina Linnaeus,1758* Range (in codes): AL AT BE BG Bw BY CH CZ DE DK EE ES FR GB GR HU IT LT LU LV NL PL PT RO Rp RU SE Si SK Sr **TR** UA YU Sur Ssx Ken Distribution in Turkey (in codes): 34 39

## **LYCAENIDAE** (Plates 26-39)

Quercusia Verity,1943 (Lycaenidae) Synonym(s): Quercusia Verity,1943

208. Quercusia quercus (Linnaeus,1758) (Lycaenidae) Synonym(s): quercus Linnaeus,1758; longicauda Riley,1921 Range (in codes): AL AM AO AT AZ Ba BE BG B-H BY CH Cr CY CZ DE DK DZ EE ES FI FR GB GG GR HU HV IE IQ IR Fa IT KG LB Le LT LU LV MA MK NL NO PL PT Rd RO RU Sa Sms SE Si SK Sm So Sr SS TR UA Uk VI YU Cw Dv Smt H-W Sur Ssx Ken SY Alv Atu Av Bad Bar Bgs C-M Cas Ccs Cor Cue Ct Gna Gp Gu Hue Lda Leo Mdr Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Ter Tol Trg Val Vcl Zg Zm Akh Distribution in Turkey (in codes): 01 03 05 06 07 08 09 10 11 12 14 16 17 18 21 22 23 25 28 29 30 32 33 34 35 38 39 42 43 44 45 46 49 52 58 60 62 64 65 66 71 73 74

**Quercus a quercus (Linnaeus,1758)** (Lycaenidae) Synonym(s): *quercus Linnaeus,1758*; *longicauda Riley,1921* Range (in codes): He **IL** AL Cc AM Ao AT AZ Ba BE BG B-H Bw BY CH Cm Cr **CY** CZ DE DK EE ES FI FR GB GG GR HU HV IE **IQ** IR Fa IT KG **LB** Le LT LU LV MK NL NO PL Rd RO Rp RU Sa Sms SE Si SK Sm So Sr SS **TR** UA Uk Vl YU Cw Dv Smt Akh H-W Sur Ssx Ken **SY** Distribution in Turkey (in codes): 01 03 05 06 07 08 09 10 11 12 14 16 17 18 21 22 23 25 28 29 30 32 33 34 35 38 39 42 43 44 45 46 49 52 58 60 62 64 65 66 71 73 74

**Thecla Fabricius,1807** (Lycaenidae) Synonym(s): Thecla Fabricius,1807; #Theclaria Rafinesque,1815; Zephyrus Dalman,1816; Aurotis Dalman,1816; Zephyrius Billberg,1820; Ruralis Tutt,[1906].

**209. Thecla betulae (Linnaeus,1758)** (Lycaenidae) Synonym(s): betulae Linnaeus,1758; apelles De Villers,1789; spinosae Gerhard,[1850]. Range (in codes): Ao At Bn AT Ba BE BG BY CH CN CZ DE DK EE ES FI FR GB GR HU IE IT KG LT LU LV NL NO PL PT RO RU SE SK Sm So Sr **TR** Cc AZ Kir UA Ui Uk Vl YU Cw Dv GG Smt H-W Sur Ssx Ken Om No Kg Mn Sp Tk Kuz Sli Sau Tar Ku T-S Gna Lda Hue Nrr Alv Ct Atu Distribution in Turkey (in codes): 08 14 25 34 39 43

**Thecla betulae (Linnaeus,1758)** (Lycaenidae) Synonym(s): betulae Linnaeus,1758; apelles De Villers,1789; spinosae Gerhard,[1850]. Range (in codes): Ao At Bn AT Ba BE BG BY CH CN CZ DE DK EE ES FI FR GB GR HU IE IT KG LT LU LV NL NO PL PT RO RU SE SK Sm So Sr **TR** Cc AZ Kir UA Ui Uk Vl YU Cw Dv GG Smt H-W Sur Ssx Ken Om No Kg Mn Sp Tk Kuz Sli T-S Sau Tar Ku Gna Lda Hue Nrr Alv Ct Atu Distribution in Turkey (in codes): 08 14 25 34 39 43

Iolaus Hübner,[1819] (Lycaenidae) Synonym(s): Iolaus Hübner,[1819] Iolaus (Epamera) Druce,1891 (Lycaenidae) Synonym(s): Epamera Druce,1891

**210. Iolaus (Epamera) glaucus (Butler,[1886])** (Lycaenidae) Synonym(s): *glaucus Butler,[1886]* Range (in codes): Ad As Dh ET Hd Hj **IL** Pa **JO** OM SA SO YE

**Iolaus (Epamera) glaucus jordanus (Staudinger,[1897])** (Lycaenidae) Synonym(s): *jordanus Staudinger,[1897]* Range (in codes): **IL** Pa **JO** 

**Deudorix Hewitson,[1863]** (Lycaenidae) Synonym(s): *Deudorix Hewitson,[1863]* **Deudorix (Virachola) Moore,[1881]** (Lycaenidae) Synonym(s): *Virachola Moore,[1881]* 

211. Deudorix (Virachola) livia (Klug,1834) (Lycaenidae) Synonym(s): livia Klug,1834; pallescens Rothschild,1921 Range (in codes): Ad As BH Dh EG Hd Hj LB IL Pa Js JO IR Hz KE KW NE OM QA SA SD SN SO TZ UG YE CY GR

**Deudorix (Virachola) livia livia (Klug,1834)** (Lycaenidae) Synonym(s): *livia Klug,1834; pallescens Rothschild,1921* Range (in codes): Ad As BH Dh EG Hd Hj **LB IL** Pa Js **JO** IR Hz KE KW NE OM QA SA SD SN SO TZ UG YE **CY** GR

**Satyrium Scudder,1876** (Lycaenidae) Synonym(s): Satyrium Scudder,1876; Callipsyche Scudder,1876. **Satyrium (Nordmannia) Tutt,[1907]** (Lycaenidae) Synonym(s): Nordmannia Tutt,[1907]

**212. Satyrium (Nordmannia) abdominalis (Gerhard,[1850])** (Lycaenidae) Synonym(s): abdominalis Gerhard,[1850]; gerhardi Staudinger,[1895]; alboabdominalis Pfeiffer,1938; persica Riley,1939; #gerhardti Wiltshire,1943; elta Higgins,1964. Range (in codes): He IL AM Cc AZ GG IQ IR Elb Ab Ak Fa Ke LB TR Distribution in Turkey (in codes): 02 05 06 07 08 12 13 17 18 19 21 23 24 25 27 29 30 31 32 33 35 36 38 42 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 70 71 72 73 76 80

**Satyrium (Nordmannia) abdominalis abdominalis (Gerhard,[1850])** (Lycaenidae) Synonym(s): *abdominalis Gerhard,[1850]*; *gerhardi Staudinger,[1895]*; *alboabdominalis Pfeiffer,1938*; *persica Riley,1939*; *#gerhardti Wiltshire,1943*; *elta Higgins,1964*. Range (in codes): He **IL** AM Cc AZ GG **IQ** IR Elb Ab Ak Fa Ke **LB TR** Distribution in Turkey (in codes): 02 05 06 07 08 12 13 17 18 19 21 23 24 25 27 29 30 31 32 33 35 36 38 42 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 70 71 72 73 76 80

**213. Satyrium (Nordmannia) acaciae (Fabricius,1787)** (Lycaenidae) Synonym(s): acaciae Fabricius,1787; nostras Courvoisier,1913; guichardi Higgins,1965. Range (in codes): AL AT Ba BE BG B-H BY CH Cm Cr CZ DE ES FR GR HU HV IT LU MK PL RO RU SK Sm Sr SS **TR** Cc UA VI YU Ur KG Aq Distribution in Turkey (in codes): 01 03 05 06 07 08 10 14 16 17 18 20 22 24 25 26 29 32 33 34 35 38 39 42 43 48 50 51 55 58 60 66 71 74 75

Satyrium (Nordmannia) acaciae acaciae (Fabricius,1787) (Lycaenidae) Synonym(s): acaciae Fabricius,1787; nostras Courvoisier,1913; guichardi Higgins,1965. Range (in codes): AL AT Ba BE BG B-H Bw BY CH Cm Cr CZ DE ES FR GR HU HV IT LU MK PL RO RU SK Sm Sr SS TR Cc UA VI YU Ur KG Aq Distribution in Turkey (in codes): 01 03 05 06 07 08 10 14 16 17 18 20 22 24 25 26 29 32 33 34 35 38 39 42 43 48 50 51 55 58 60 66 71 74 75 78

**214.** Satyrium (Nordmannia) armenum (Rebel,1901) (Lycaenidae) Synonym(s): armenum Rebel,1901 Range (in codes): TR Cc Distribution in Turkey (in codes): 04 08 13 24 25 30 36 49 62 65 69 76

Satyrium (Nordmannia) armenum armenum (Rebel,1901) (Lycaenidae) Synonym(s): armenum Rebel,1901 Range (in codes): TR Cc Distribution in Turkey (in codes): 04 08 13 24 25 30 36 49 62 65 69 76

**215. Satyrium (Nordmannia) ilicis (Esper,[1779])** (Lycaenidae) Synonym(s): *ilicis Esper,[1779]* Range (in codes): AL Cc AM AT AZ Ba BE BG B-H BY CH CZ DE DK EE ES Mu FR GG GR HU HV **IQ** IR IT **LB** LT LU LV MK NL NO PL PT RO RU SE SK Sm So Sr SS **TR** UA VI YU **SY IL** Pa Hf Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 21 20 22 24 25 26 29 31 32 33 34 35 37 38 39 40 41 42 43 45 46 48 50 51 54 55 56 58 60 61 62 66 67 69 70 71 74 75 76 78 81

**Satyrium (Nordmannia) ilicis ilicis (Esper,[1779])** (Lycaenidae) Synonym(s): ilicis Esper,[1779]; linceus Fabr.,1787; caudatula Zeller,1847; bischoffii Gerhard,1850; cilicica Holtz,1897; syra Pfeiffer,1932; prinoptas

Zerny,1932. Range (in codes): IL He AL Cc AM AT AZ Ba BE BG B-H Bw BY CH CZ DE DK EE ES Mu FR GG GR HU HV IQ IT LB LT LU LV MK NL NO PL PT RO RU SE SK Sm So Sr SS TR UA VI YU SY Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 20 21 22 24 25 26 29 31 32 33 34 35 37 38 39 40 41 42 43 45 46 48 50 51 54 55 56 58 60 61 62 66 67 69 70 71 74 75 76 78 81

**216. Satyrium (Nordmannia) marcidum (Riley,1921)** (Lycaenidae) Synonym(s): *marcidum Riley,1921* Range (in codes): **IQ** IR Km Krd **TR** Distribution in Turkey (in codes): 30 47 56 65 72 73

**Satyrium (Nordmannia) marcidum marcidum (Riley,1921)** (Lycaenidae) Synonym(s): *marcidum Riley,1921* Range (in codes): IR Km Krd **IQ TR** Distribution in Turkey (in codes): 30 56 65 72 73

**Satyrium (Nordmannia) marcidum mardinum Oorschot et al.,1985** (Lycaenidae) Synonym(s): *mardinum Oorschot et al.,1985* Range (in codes): **TR** Distribution in Turkey (in codes): 47

**217. Satyrium (Nordmannia) myrtale (Klug,1834)** (Lycaenidae) Synonym(s): *myrtale Klug,1834* Range (in codes): **LB SY IL** He

**Satyrium (Nordmannia) myrtale myrtale (Klug,1834)** (Lycaenidae) Synonym(s): *myrtale Klug,1834* Range (in codes): **IL** He **LB SY** 

**218.** Satyrium (Nordmannia) zabni Oorschot & Brink,1991 (Lycaenidae) Synonym(s): #zabni Higgins,1964; zabni Oorschot & Brink,1991. Range (in codes): IQ Er Slh IR Lo TR Distribution in Turkey (in codes): 02 12 13 21 23 25 27 30 31 44 46 47 49 56 62 65 72 73

Satyrium (Nordmannia) zabni zabni Oorschot & Brink,1991 (Lycaenidae) Synonym(s): #zabni Higgins,1964; zabni Oorschot & Brink,1991. Range (in codes): IQ Er Slh IR Lo TR Distribution in Turkey (in codes): 02 12 13 21 23 25 27 30 31 44 46 47 49 56 62 65 72 73

# Satyrium (Strymonidia) Tutt,[1908] (Lycaenidae) Synonym(s): Strymonidia Tutt,[1908]

219. Satyrium (Strymonidia) spini (Fabricius,1787) (Lycaenidae) Synonym(s): #spini [Denis & Schiffermüller],1775; lynceus Esper,[1779] nec Drury,1773; spini Fabricius,1787; cerasi Herbst,1804 nec Fabricius,1787; #albosparsa Oberthür,1910; anatolicus De Lattin,1950. Range (in codes): AF AL AM AT AZ Ba BE BG BY CH CZ DE ES FR GG GR HU IQ IR Ab Ak Elb IT KG Kp LB Le LT LU PL PT RO RU SK Sm So Sr TM TR UA Uk Vl Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Distribution in Turkey (in codes): 01 03 04 05 06 07 08 13 15 16 17 18 19 21 24 25 26 27 29 30 31 32 33 34 36 38 41 42 43 44 46 48 49 50 51 56 58 60 62 63 65 66 68 69 70 71 73 74 75 76 78 80

**Satyrium (Strymonidia) spini melantho (Klug,1834)** (Lycaenidae) Synonym(s): *melantho Klug,1834*. Range (in codes): **SY LB IL** He

**Satyrium (Strymonidia) spini spini (Fabricius,1787)** (Lycaenidae) Synonym(s): #spini [Denis & Schiffermüller],1775; lynceus Esper,[1779] nec Drury,1773; spini Fabricius,1787; cerasi Herbst,1804 nec Fabricius,1787; melantho Klug,1834; #albosparsa Oberthür,1910; anatolicus De Lattin,1950. Range (in codes): AF **IQ** AL Cc AM AT AZ Ba BE BG Bw BY CH CZ DE ES FR GG GR HU IR Ab Ak Elb IT KG Le LT LU PL PT RO RU SK Sm So Sr **TR** UA Uk Vl Distribution in Turkey (in codes): 01 03 04 05 06 07 08 13 15 16 17 18 19 21 24 25 26 27 29 30 31 32 33 34 36 38 41 42 43 44 46 48 49 50 51 56 58 60 62 63 65 66 68 69 70 71 73 74 75 76 78 80

**220. Satyrium (Strymonidia) w-album (Knoch,1782)** (Lycaenidae) Synonym(s): *w-album Knoch,1782*; *cerasi Fabricius,1787*; *majuscula Jachontov,1911*. Range (in codes): AL Cc AM AT AZ Ba BE BG B-H BY CH Cl Cm Ct CZ DE DK EE ES FI FR GB GG GR HU HV IT KG LT LU LV MK NL NO PL RO RU SE Si SK Sm So Sr SS **TR** IR UA Uk Ur Vl YU Smt H-W Sur Ssx Ken Aq Distribution in Turkey (in codes): 05 06 07 08 13 14 16 24 34 39 41 42 44 48 53 55 65

**Satyrium (Strymonidia) w-album w-album (Knoch,1782)** (Lycaenidae) Synonym(s): *w-album Knoch,1782; cerasi Fabricius,1787; majuscula Jachontov,1911.* Range (in codes): AL Cc AM AT AZ Ba BE BG B-H Bw BY CH Cl Cm Ct CZ DE DK EE ES FI FR GB GG GR HU HV IT KG LT LU LV MK NL NO PL RO RU SE Si SK Sm So Sr SS **TR** IR UA Uk Ur Vl YU Smt H-W Sur Ssx Ken Aq Distribution in Turkey (in codes): 05 06 07 08 13 14 16 24 34 39 41 42 44 48 53 55 65

#### Satyrium (Superflua) Strand, 1910 (Lycaenidae) Synonym(s): Superflua Strand, 1910

**221.** Satyrium (Superflua) hyrcanicum (Riley,1939) (Lycaenidae) Synonym(s): hyrcanicum Riley,1939 Range (in codes): AF Cc AM AZ GG IR Zj Elb Mz TJ TR Distribution in Turkey (in codes): 08 36 69 76

**Satyrium (Superflua) hyrcanicum cyri Nekrutenko,1978** (Lycaenidae) Synonym(s): *cyri Nekrutenko,1978* Range (in codes): Cc AM AZ GG TR Distribution in Turkey (in codes): 08 36 69 76

- **222. Satyrium (Superflua) ledereri (Boisduval,1848)** (Lycaenidae) Synonym(s): *ledereri Boisduval,1848* Range (in codes): Cc AZ GG GR **LB** Sms **TR** Distribution in Turkey (in codes): 05 06 07 08 19 24 27 29 30 32 36 42 44 46 50 51 58 62 63 65 71 73 76
- **Satyrium (Superflua) ledereri ledereri (Boisduval,1848)** (Lycaenidae) Synonym(s): ledereri Boisduval,1848 Range (in codes): Cc AZ GG TR Distribution in Turkey (in codes): 05 06 07 08 19 24 27 29 30 32 36 42 44 46 50 51 58 62 63 65 71 73 76
- Satyrium (Superflua) ledereri nazeri (T.Larsen,1974) (Lycaenidae) Synonym(s): nazeri T.Larsen,1974 Range (in codes): LB
- Callophrys Billberg,1820 (Lycaenidae) Synonym(s): Lycus Hübner,[1819] nec Fabr.,1787; Callophrys Billberg,1820; Licus Hübner,[1823]; Incisalia Scudder,1872; Mitoura Scudder,1872; Satsuma Murray,1875 nec Adams,1868; Ahlbergia Bryk,1946; Ginzia Okano,1947; #Callophris Barragué,1954; Sandia Clench & Ehrlich,1960; Xamia Clench,1961; Cisincisalia K.Johnson,1992; Loranthomitoura Ballmer & Pratt,1992; Novosatsuma K.Johnson,1992; Cissatsuma K.Johnson,1992; Deciduphagus K.Johnson,1992
- **223.** Callophrys danchenkoi Zhdanko,1998 (Lycaenidae) Synonym(s): danchenkoi Zhdanko,1998 Range (in codes): Cc AM Alg Eri IR Elb Fa Ke Zj SY Dms TR Distribution in Turkey (in codes): 04 07 13 25 30 36 56 58 65 73
- Callophrys danchenkoi danchenkoi Zhdanko,1998 (Lycaenidae) Synonym(s): danchenkoi Zhdanko,1998 Range (in codes): Cc AM Alg Eri IR Elb Fa Ke Zj SY Dms TR Distribution in Turkey (in codes): 04 07 13 25 30 36 56 58 65 73
- **224.** Callophrys herculeana Pfeiffer,1927 (Lycaenidae) Synonym(s): herculeana Pfeiffer,1927 Range (in codes): TR Distribution in Turkey (in codes): 13 21 32 42 56 65
- **225.** Callophrys mystaphia Miller,1913 (Lycaenidae) Synonym(s): *mystaphia Miller,1913* Range (in codes): TR Cc IR Distribution in Turkey (in codes): 30 36 56 65
- **Callophrys mystaphia mystaphia Miller,1913** (Lycaenidae) Synonym(s): *mystaphia Miller,1913* Range (in codes): **TR** Cc IR Distribution in Turkey (in codes): 30 36 56 65
- **226.** Callophrys paulae Pfeiffer,1932 (Lycaenidae) Synonym(s): paulae Pfeiffer,1932; ?alpicola Koçak,1989 Range (in codes): Cc AM AZ TR IR Kh TM Kp Distribution in Turkey (in codes): 07? 24 25 30 38 46 50 51 60 62 65 69 70 73 75
- Callophrys paulae kolak Higgins,1965 (Lycaenidae) Synonym(s): kolak Higgins,1965 Range (in codes): Cc TR AZ Distribution in Turkey (in codes): 69 75
- Callophrys paulae paulae Pfeiffer,1932 (Lycaenidae) Synonym(s): paulae Pfeiffer,1932; ?alpicola Koçak,1989 Range (in codes): Cc AM IR TR Distribution in Turkey (in codes): 24 25 30 38 46 50 51 60 62 65 70 73
- 227. Callophrys rubi (Linnaeus,1758) (Lycaenidae) Synonym(s): rubi Linnaeus,1758; caecus Fourcroy,1785; virgatus Verity,1913 Range (in codes): Ae AL AM At Bn AT AZ Ba BE BG BY CH CN Co CZ DE DK EE ES Mu Mu18 FI FR GB GG GR HU IE IQ IR IT KG Kp LB LT LU LV MK NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr TM TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken MA DZ TN TrA Sau Tar DsA PK Ci Nwf Bl T-S Cc Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 12 14 16 17 18 22 24 25 26 28 29 30 31 33 34 35 36 37 38 39 40 44 45 46 48 50 51 52 55 56 58 60 62 66 69 70 71 73 75
- Callophrys rubi chalybeitincta Sovinsky,1905 (Lycaenidae) Synonym(s): chalybeitincta Sovinsky,1905; caerulescens A.Bang-Haas,1912; eitschbergeri Dantchenko,2000; nigra Stradomsky,2005 Range (in codes): AZ Kir GG RU Kr Nov Da TR Cc UA Kkv IR Ak Zj UA Kkv Distribution in Turkey (in codes): 08 25 69 75
- **Callophrys rubi rubi (Linnaeus,1758)** (Lycaenidae) Synonym(s): *rubi Linnaeus,1758*; *caecus Fourcroy,1785*; *virgatus Verity,1913*; *herculeana Pfeiffer,1927* Range (in codes): **IL** He Ae AL AM Ao AT AZ Ba BE BG Bw BY CH Co CZ DE DK EE FI FR GB GG GR HU IE **IQ** IR IT KG **LB** LT LU LV MK NL NO PL PT Rd RO Rp RU Sa SE Si SK Sm So Sr **TR** UA Uk VI YU Cw Dv Smt H-W Sur Ssx Ken PK Ci Nwf Bl Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 12 14 16 17 18 22 24 25 26 28 29 30 31 33 34 35 36 37 38 39 40 44 45 46 48 50 51 52 55 58 60 62 66 69 70 71 73 75
- **Cigaritis Donzel,1847** (Lycaenidae) Synonym(s): *Cigaritis Donzel,1847*; *Spindasis Wallengren,1857*; *Apharitis Riley,1925*; #Zigaritis Pfeiffer,1932
- **228. Cigaritis acamas (Klug,1834)** (Lycaenidae) Synonym(s): acamas Klug,1834; obscurata Staudinger,1901; #düldüli Pfeiffer,1932; dueldueli Pfeiffer,1932 Range (in codes): Ad AF As BH **CY** Dh EG Hd **IL** Pa Hf **JO** KW **LB** OM PK QA SA SD SO **SY TR** UE Ci Nwf Cp Sd Krc Bl Chm IR Elb Fa Ke TM Kp Distribution in Turkey (in codes): 01 12 13 21 23 24 27 30 31 33 46 47 62 63 65 73

Cigaritis acamas acamas (Klug,1834) (Lycaenidae) Synonym(s): acamas Klug,1834; obscurata Staudinger,1901; #düldüli Pfeiffer,1932; dueldueli Pfeiffer,1932 Range (in codes): He CY EG IL Pa Hf JO LB SY TR IR Elb Fa Ke TM Kp Distribution in Turkey (in codes): 01 12 13 21 23 24 27 30 31 33 46 47 62 63 65 73

Cigaritis acamas cypriaca (Riley,1925) (Lycaenidae) Synonym(s): cypriaca Riley,1925 Range (in codes): CY

Cigaritis acamas egyptiaca (Riley,1925) (Lycaenidae) Synonym(s): egyptiaca Riley,1925 Range (in codes): EG IL JO

**229.** Cigaritis cilissa Lederer, 1861 (Lycaenidae) Synonym(s): cilissa Lederer,1861; minima Range (in codes): IQ Ry TR LB IL Pa IR Distribution in Turkey (in codes): 01 02 12 23 24 27 Staudinger,1901 30 31 33 44 46 48 62 63

Cigaritis cilissa cilissa Lederer,1861 (Lycaenidae) Synonym(s): cilissa Lederer,1861; minima Staudinger, 1901 Range (in codes): IQ Ry TR LB IL Pa IR Distribution in Turkey (in codes): 01 02 12 23 24 27 30 31 33 44 46 48 62 63

230. Cigaritis epargyros (Eversmann, 1854) (Lycaenidae) Synonym(s): epargyros Eversmann, 1854 Range (in codes): T-S AF Aq CN Db IQ Su IR Lo Km Ab Ak KG KK Kp Ky PK Bl Tk TM Ui UZ Ii

Cigaritis epargyros marginalis Riley,1921 (Lycaenidae) Synonym(s): marginalis Riley,1921 Range (in codes): IQ Su IR Lo Km Ab Ak

Cigaritis myrmecophila Dumont,1922 (Lycaenidae) Synonym(s): myrmecophila Dumont,1922 Range (in codes): DZ EG Fa Ke IR JO LY OM TN

myrmecophila myrmecophila Dumont,1922 (Lycaenidae) Synonym(s): myrmecophila Dumont,1922 Range (in codes): DZ EG JO LY OM TN

Cigaritis uighurica Kemal & Koçak,2005 (Lycaenidae) Synonym(s): maxima Staudinger,1901 nec Elw.,1892; uighurica Kemal & Koçak,2005 Range (in codes): **IQ** IR Zj Fa Ke **TR** Distribution in Turkey (in codes): 01 02 13 23 24 27 30 44 46 47 56 65 72 73

Cigaritis uighurica Kemal & Koçak,2005 (Lycaenidae) Synonym(s): maxima Staudinger,1901 nec Elw.,1892; uighurica Kemal & Koçak,2005 Range (in codes): IQ IR Zj Fa Ke TR Distribution in Turkey (in codes): 01 02 13 23 24 27 30 44 46 47 56 65 72 73

Tomares Rambur, [1840] (Lycaenidae) Synonym(s): Tomares Rambur, [1840]

Tomares (nogelii) dobrogensis (Caradja,1895) (Lycaenidae) Synonym(s): Range (in codes): TR RO Distribution in Turkey (in codes): 01 06 14 50

Tomares (nogelii) dobrogensis monotonus (Schwingenschuss, 1939) (Lycaenidae) Range (in codes): TR Distribution in Turkey (in codes): 14 Synonym(s): monotona Schwingenschuss,1939

Tomares (nogelii) dobrogensis uighuricus Koçak, Seven & Kemal, 2000 (Lycaenidae) Synonym(s): uighurica Koçak, Seven & Kemal, 2000; #pallidior Koçak, Seven & Kemal, 2000. Range (in codes): TR Distribution in Turkey (in codes): 01 06 50

Tomares (nogelii) nesimachus (Oberthür, 1893) (Lycaenidae) Synonym(s): nesimachus Range (in codes): TR SY LB JO IL Distribution in Turkey (in codes): 06 07 11 18 19 23 24 27 29 31 32 33 38 42 44 46 47 48 51 58 60 62 63 66 68 70

Tomares (nogelii) nesimachus nesimachus (Oberthür,1893) (Lycaenidae) Synonym(s): nesimachus Oberthür,1893 Range (in codes): TR SY LB JO IL Distribution in Turkey (in codes): 06 07 11 18 19 23 24 27 29 31 32 33 38 42 44 46 47 48 51 58 60 62 63 66 68 70

Tomares (nogelii) nogelii (Freyer,[1851]) (Lycaenidae) Synonym(s): #nogelii Herrich-Schäffer,[1851]; nogelii Freyer,[1851]; nogelii Herrich-Schäffer,[1852] Range (in codes): RU Sr **TR** UA **LB** Distribution in Turkey (in codes): 01 03 05 06 07 14 18 19 21 23 26 27 32 33 38 42 44 46 50 51 55 58 60 62 66 71 Range (in codes): RU Sr TR UA LB SY

Tomares (nogelii) nogelii aurantiacus (Staudinger,1901) (Lycaenidae) Synonym(s): aurantiaca Staudinger,1901 Range (in codes): TR LB SY Distribution in Turkey (in codes): 06 27 38

Tomares (nogelii) nogelii cesa Koçak, Seven & Kemal,2000 (Lycaenidae) Synonym(s):

Range (in codes): TR Distribution in Turkey (in codes): 23 cesa Koçak, Seven & Kemal,2000

Tomares (nogelii) nogelii nogelii (Freyer,[1851]) (Lycaenidae) Synonym(s): #nogelii Herrich-Range (in codes): TR Distribution in Turkey (in Schäffer,[1851]; nogelii Freyer,[1851]; nogelii Herrich-Schäffer,[1852] codes): 03 05 07 14 18 19 21 26 32 33 42 44 46 51 58 60 66 71

Tomares (nogelii) nogelii obscurus (Rühl,[1893]) (Lycaenidae) Synonym(s): Range (in codes): TR Distribution in Turkey (in codes): 62 66

**Tomares (nogelii) nogelii ssp.** (Lycaenidae) Synonym(s): Range (in codes): **TR** Distribution in Turkey (in codes): 62

**236. Tomares** callimachus (Eversmann, 1848) (Lycaenidae) Synonym(s): callimachus Eversmann, 1848 GG Tbl Smt Akh Distribution in Turkey (in codes): 13 21 23 30 36 44 46 47 56 63 65 73 76

**Tomares callimachus dentatus (Staudinger,[1892])** (Lycaenidae) Synonym(s): *dentata Staudinger,[1892]* Range (in codes): **TR IQ** Distribution in Turkey (in codes): **21** 23 44 47

**237.** Tomares desinens Nekrutenko & Effendi,1980 (Lycaenidae) Synonym(s): desinens Nekrutenko & Effendi,1980 Range (in codes): Cc AZ Zu TR IR Zj Th Elb 65

**Tomares desinens mebep Koçak & Kemal,2005** (Lycaenidae) Synonym(s): *mebep Koçak & Kemal,2005* Range (in codes): **TR** Distribution in Turkey (in codes): 65

**238.** Tomares romanovi (Christoph,1882) (Lycaenidae) Synonym(s): romanovi Christoph,1882 Range (in codes): Cc AZ GG Tbl IR Elb Fa Kp Nv Ord TM TR Distribution in Turkey (in codes): 04 12 13 21 23 30 36 47 56 62 65 72 73 76

**Tomares romanovi maculiferus (Staudinger,[1892])** (Lycaenidae) Synonym(s): *maculifera Staudinger,[1892]* Range (in codes): **TR** Distribution in Turkey (in codes): 47

Tomares romanovi romanovi (Christoph,1882) (Lycaenidae) Synonym(s): romanovi Christoph,1882 Range (in codes): Cc AZ Nv Ord TR Distribution in Turkey (in codes): 04 12 13 21 23 30 36 56 62 65 72 73 76

**Anthene Doubleday,1847** (Lycaenidae) Synonym(s): *Anthene Doubleday,1847*; *Lycaenestes Moore,1866*; *Pseudoliptena Stempffer,1946* 

**239. Anthene amarah (Guérin-Méneville,1849)** (Lycaenidae) Synonym(s): *amarah Guérin-Méneville,1849; olympusa Walker,1870.* Range (in codes): Ad AO As BF BI BJ BW CF CG CI CM Dh DJ EH ER ET GA GH GM GN GO Bio GW Hd Hj IR Hz B-A KE LR LS ML MR MW MZ NA NE NG OM RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Tva Lpo Spb Kru Pma Mdk Nta Kzu Wnn Gau Pre Mpu Brb ZM ZR ZW **JO** 

Anthene amarah amarah (Guérin-Méneville,1849) (Lycaenidae) Synonym(s): amarah Guérin-Méneville,1849; olympusa Walker,1870. Range (in codes): Ad AO As BF BI BJ BW CF CG CI CM Dh DJ EH ER ET GA GH GM GN GO Bio GW Hd Hj IR Hz B-A KE LR LS ML MR MW MZ NA NE NG OM RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Tva Lpo Spb Mdk Kru Pma Nta Kzu Wnn Gau Pre Mpu Brb ZM ZR ZW JO

Lampides Hübner,[1819] (Lycaenidae) Synonym(s): Lampides Hübner,[1819]; Cosmolyce Toxopeus,1927.

240. Lampides boeticus (Linnaeus,1767) (Lycaenidae) Synonym(s): boeticus Linnaeus,1767; damoetes Fabricius,1775; coluteae Fuessly,1775; pisorum Fourcroy,1785; boedicus Borkhausen,1788; #baeticus Latreille,1809; armeniensis Gerhard,1886; bagus Distant,1886 Range (in codes): Ae AF AL AM AZ AZ Ba BE BG BH B-H BY CH CN CO Cr CY DE DK DZ EG ES FR GG GR HU IL IN IQ IR IT JO Kab Kbb KG KK KW LB Ld LY MA MK MN MT NL OM Pag PK Pnj PT QA Rd RO RU SA Sa Si SK Sm So Sr SW SY TJ TM TN TR UA UE UZ YE YU Cw Dv Smt H-W Sur Ssx Ken Cy Ao Mu18 Ci He Ket DsA Tls TrA Cp T-S Ab Ak B-A Bk Brz Bu By Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm PG Vu Dmp PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab ZA Tva Lpo Spb Lj Mdk Kru Pma Pf Nta Kzu Ptb Fre Gau Pre Jh Brn Mpu US Pa Hf TH CMa Cuo Cuo7 Cu12 Lmp Sgk Hya PSu Nst Chw Ths Sya Bnk Kci MY Lkw IN Ass MM VN Hw SD SD91 SD119 Bgd Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 40 42 44 45 46 47 48 49 50 51 52 53 56 58 60 62 63 64 65 70 71 72 73 76

**Leptotes Scudder,1876** (Lycaenidae) Synonym(s): Leptotes Scudder,1876; Syntarucus Butler,[1901]; Syntarucoides Kaye,1904; Langia Tutt,[1906] nec Moore,1872; Raywardia Tutt,1908.

241. Leptotes pirithous (Linnaeus,1767) (Lycaenidae) Synonym(s): pirithous Linnaeus,1767; telicanus Lang,1789 tetrica Sagarra,1925. Range (in codes): Ad Ae AL As AT BG BY CH Cm Co Cr CY DE Dh DZ EG ES Mu18 FR GR HU IL IT LB LY MA MK MT PT Rd RU SA Sa Si TN TR UA YE YU JO Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm ZA Tva Lpo Spb Gau Pre Mpu Brb MZ Pa Hf SD SD91 SD119 TZ Tnga Usa Ani Distribution in Turkey (in codes): 01 05 06 07 09 11 14 16 17 26 27 30 31 33 34 35 39 42 44 45 46 48 65 70 71 73 81

**Leptotes pirithous pirithous (Linnaeus,1767)** (Lycaenidae) Synonym(s): pirithous Linnaeus,1767; telicanus Lang,1789 tetrica Sagarra,1925. Range (in codes): Ad Ae AL As AT BG BY CH Cm Co Cr CY DE

Dh DZ EG ES Mu18 FR GR HU **IL** IT **LB** LY MA MK MT PT Rd RU SA Sa Si TN **TR** UA YE YU **JO** Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm ZA Tva Lpo Spb Gau Pre Mpu Brb Pa Hf SD SD91 SD119 TZ Tnga Usa Ani Distribution in Turkey (in codes): 01 05 06 07 09 11 14 16 17 26 27 30 31 33 34 35 39 42 44 45 46 48 65 70 71 73 81

Tarucus Moore,[1881] (Lycaenidae) Synonym(s): Tarucus Moore,[1881]

**242. Tarucus (s.str.) balkanicus (Freyer,[1843])** (Lycaenidae) Synonym(s): balkanicus Freyer,[1843] Range (in codes): AE AF AL Cc AM AZ BG BH Cr CY Dh DZ EG EH GG GR Hd IL IN IQ Nsr Agh Bgd IR **JO** KK KW **LB** LY LY MA MK MR NE Nf NG Nj OM PK QA SA SD SI **SY** TJ TM TN **TR** UG UZ YE Bl Bol Nwf Pes Elb Th Kp Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 12 13 16 17 20 21 23 25 27 30 33 35 36 39 46 48 56 59 60 62 65 67 70 71 72 73 78

**Tarucus (s.str.) balkanicus areshanus Bethune-Baker,1918** (Lycaenidae) Synonym(s): areshanus Bethune-Baker,1918 Range (in codes): **IQ** Bgd Nsr Agh IR Elb Th Kp TM

**Tarucus (s.str.) balkanicus balkanicus (Freyer,[1843])** (Lycaenidae) Synonym(s): balkanicus Freyer,[1843] Range (in codes): AE AF AL Cc AM AZ BG BH Cr **CY** Dh DZ EG EH GG GR Hd **IL** IN **JO** KK KW **LB** LY LY MA MK MR NE Nf NG NG Nj OM PK QA SA SD SI **SY** TJ TM TN **TR** UG UZ YE Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 12 13 16 17 20 21 23 25 27 30 33 35 36 39 46 48 56 59 60 62 65 67 70 71 72 73 78

**243.** Tarucus (s.str.) rosaceus (Austaut,1885) (Lycaenidae) Synonym(s): rosacea Austaut,1885; mediterraneae Bethune-Baker,1918. Range (in codes): MA DZ EG EH ET IQ Nsr Agh Mg Bgd IR Fa Ke Hz JO KE LB LY MA MR OM QA SA SD SN SO TD TN UG YE Bl AF PK

Tarucus (s.str.) rosaceus rosaceus (Austaut,1885) (Lycaenidae) Synonym(s): rosacea Austaut,1885; mediterraneae Bethune-Baker,1918. Range (in codes): MA DZ EG EH ET IQ Nsr Agh Mq Bgd IR Fa Ke Hz JO KE LB LY MA MR OM QA SA SD SN SO TD TN UG YE Bl AF PK

Zizeeria Chapman,1910 (Lycaenidae) Synonym(s): Zizeeria Chapman,1910

**244. Zizeeria (s.str.) karsandra (Moore,1865)** (Lycaenidae) Synonym(s): *karsandra Moore,1865* Range (in codes): AF AU BH Cr CY DZ ID IL Pa Hf IN IQ Diw IR Elb Th Fa JO KW LB MM Nf Nj OM PK Ci Cp Mre QA SA Si SY TH Nrt Rat CMa Cmz Cuo Cuo1 Nst Chw MY Lkw TN TR UE VN YE PH Jol Luz Mno Pal Distribution in Turkey (in codes): 01 21 27 31 33 63

**Zizeeria (s.str.) karsandra karsandra (Moore,1865)** (Lycaenidae) Synonym(s): *karsandra Moore,1865* Range (in codes): AF AU BH Cr CY DZ ID IL Pa Hf IN IQ Diw IR Elb Th Fa JO KW LB MM Nf Nj OM PK Ci Cp Mre QA SA Si SY TH Nrt Rat CMa Cmz Cuo Cuo1 Nst Chw MY Lkw TN TR UE VN YE PH Jol Luz Mno Pal Distribution in Turkey (in codes): 01 21 27 31 33 63

Cupido Schrank, 1801 (Lycaenidae) Synonym(s): Cupido Schrank, 1801

Cupido (Everes) Hübner,[1819] (Lycaenidae) Synonym(s): Everes Hübner,[1819]; Tiora Evans,1912; Ununcula van Eecke,1915

**245. Cupido (Everes) alcetas (Hoffmannsegg,1804)** (Lycaenidae) Synonym(s): *tiresias Hübner,[1800] nec tiresias Rottemburg,1775*; *alcetas Hoffmannsegg,1804*; *coretas Ochsenheimer,1808*. Range (in codes): AL AT At Bn Ba BG BY CH Co CZ ES FI FR GR HU IT MK RO RU SK Sm So Sr **TR** UA Cm YU KG Mn Distribution in Turkey (in codes): 03 05 06 11 14 16 26 41 42 74 78

**Cupido (Everes) alcetas alcetas (Hoffmannsegg,1804)** (Lycaenidae) Synonym(s): tiresias Hübner,[1800] nec tiresias Rottemburg,1775; alcetas Hoffmannsegg,1804; coretas Ochsenheimer,1808. AL AT At Bn Ba BG BY CH Co CZ ES FI FR GR HU IT MK RO RU SK Sm So Sr **TR** UA Cm YU KG Mn Distribution in Turkey (in codes): 03 05 06 11 14 16 26 41 42 74 78

**246. Cupido (Everes) argiades (Pallas,1771)** (Lycaenidae) Synonym(s): argiades Pallas,1771; tiresias Rottemburg,1775; amyntas [Denis & Schiffermüller],1775 nec Poda,1761; irenae Dujardin,1974. Range (in codes): AL Ao Am At Bn AT Ba BE BG BY CH CN CZ DE EE ES FI FR GB Cc GG GR HU Ii IT Ku LT LU LV MK NL PL RO RU SE Si SK Sm So Sr **TR** UA VI YU KG Or Bs Cb Ty Kw Om Pw Sp Mn No To Kuz Sli Tar SI BT JP PK Ch IN Ci Kma T-S TrA Distribution in Turkey (in codes): 03 05 06 08 11 14 16 17 25 29 34 37 41 52 53 60 61 75 81

**Cupido (Everes) argiades argiades (Pallas,1771)** (Lycaenidae) Synonym(s): argiades Pallas,1771; tiresias Rottemburg,1775; amyntas [Denis & Schiffermüller],1775 nec Poda,1761; irenae Dujardin,1974. Range (in codes): AL Ao At Bn AT Ba BE BG Bw BY CH CZ DE EE ES FI FR GB Cc GG GR HU IT LT LU LV MK NL PL RO RU SE Si SK Sm So Sr **TR** UA VI YU KG Or Bs Cb Ty Kw Om Pw Sp Mn No To Kuz Sli Tar TrA T-S Distribution in Turkey (in codes): 03 05 06 08 11 14 16 17 25 29 34 37 41 52 53 60 61 75 81

247. Cupido (Everes) decoloratus (Staudinger, 1886) (Lycaenidae) Synonym(s): decoloratus Range (in codes): AL AT BG BY CZ ES GR HU RO RU SK TR UA YU Distribution in Turkey (in Staudinger,1886. codes): 39

Cupido (Everes) decoloratus decoloratus (Staudinger, 1886) (Lycaenidae) Synonym(s): Range (in codes): AL AT BG BY CZ ES GR HU RO RU SK TR UA YU decoloratus Staudinger,1886 Distribution in Turkey (in codes): 39

Cupido (s.str.) Schrank, 1801 (Lycaenidae) Synonym(s): Cupido Schrank, 1801

248. Cupido (s.str.) minimus (Fuessly,1775) (Lycaenidae) Synonym(s): minimus Fuessly,1775; alsus [Denis & Schiffermüller],1775; pseudolus Bersträßer,[1779]; puer Schrank,1801. Range (in codes): AL At Bn Kts AT Ba BE BG BY CH CZ DE DK EE ES FI FR GB GR HU IE IT KK LT LU LV MK NL NO PL PT RO RU SE SI SK Sm So Sr TR Cc GG Smt Akh UA Vl YU Cw Dv H-W Sur Ssx Ken KG Uk Cb Kt Kw Om No Pw Sp Mn Bs Sau CN Ui Distribution in Turkey (in codes): 01 03 06 16 24 25 29 32 36 37 38 42 51 52 53 58 60 65 66 69 70 74 75 76

Cupido (s.str.) minimus albocilius Oorschot et al.,1984 (Lycaenidae) Synonym(s): albocilia Range (in codes): **TR** Distribution in Turkey (in codes): 01 38 51 70

Cupido (s.str.) minimus minimus (Fuessly,1775) (Lycaenidae) Synonym(s): Fuessly,1775; alsus [Denis & Schiffermüller],1775; pseudolus Bersträßer,[1779]; puer Schrank,1801. Range (in codes): AL AT Ba BE BG Bw BY CH CZ DE DK EE ES FI FR GB GR HU IE IT LT LU LV MK NL NO PL PT RO Rp RU SE Si SK Sm So Sr TR Cc GG Smt Akh UA Vl YU Cw Dv H-W Sur Ssx Ken KG Uk Cb Kt Kw Om No Pw Sp Mn At Kts Bs Turkey (in codes): 03 06 16 24 25 29 32 36 37 42 52 53 58 60 65 66 69 74 75 76

249. Cupido (s.str.) osiris (Meigen, [1829]) (Lycaenidae) Synonym(s): osiris Meigen, [1829]; saportae Dupnchel,1832; violacea Verity,1911; sebrus Boisduval,[1833]. Range (in codes): Lim Ae AL At AT Ba BG BY CH DE ES Dupnchel,1832; violacea Verity,1911; sebrus Boisduval,[1833]. Range (in codes): Lim Ae AL At AT Ba BG BY CH DE ES Mu FR GR HU IT KK MK PT RO RU SK Sr TR Cc GG Smt Akh T-S UA YU KG Sau Tar DsA Ket Tls IR Ab Ak CN Ui Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 21 23 24 25 26 28 29 30 31 32 33 35 36 37 38 39 41 42 44 46 48 50 51 52 53 56 58 59 60 61 62 65 66 67 68 69 70 71 73 75 76 78 81

Cupido (s.str.) osiris majuspunctata (Verity,1934) (Lycaenidae) Synonym(s): majuspunctata Range (in codes): Cc TR IR Ab Ak Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 21 23 24 25 26 28 29 30 31 32 33 35 36 37 38 39 41 42 44 46 48 50 51 52 53 58 59 60 61 62 65 66 67 68 69

Cupido (s.str.) osiris osiris (Meigen,[1829]) (Lycaenidae) Synonym(s): osiris Meigen,[1829]; saportae Duponchel,1832; violacea Verity,1911; sebrus Boisduval,[1833]. Range (in codes): Lim Ae AL At AT Ba BG Bw BY CH DE ES Mu FR GR HU IT MK PT RO RU SK Sr UA Va YU KG Sau Tar DsA Ket Tls T-S GG Smt Akh Cc TR Distribution in Turkey (in codes): 75

250. Cupido (s.str.) staudingeri (Christoph, 1873) (Lycaenidae) Synonym(s): staudingeri Christoph,1873 Range (in codes): TR IR Elb Gor Fa Sse Zj Distribution in Turkey (in codes): 65

Cupido (s.str.) staudingeri staudingeri (Christoph,1873) (Lycaenidae) Synonym(s):

Range (in codes): TR IR Elb Gor Distribution in Turkey (in codes): 65 staudingeri Christoph,1873

Azanus Moore, 1881 (Lycaenidae) Synonym(s): Azanus Moore, 1881 Azanus (s.str.) Moore,1881 (Lycaenidae) Synonym(s): Azanus Moore,1881

Azanus (s.str.) iesous (Guérin-Méneville, 1849) (Lycaenidae) Synonym(s): iesous Guérin-Méneville,1849; agave Walker,1870; sigillata Butler,1876. Range (in codes): Ad AO As BF BI BJ BW CF CG CI CM CY Dh DJ DZ EG EH ER ET GA GH GM GN Hd Hj IL Pa Hf IR JO KE LB LR LY MR MZ NE NG OM RW SA SD SO SZ TD TG TZ UG YE ZA Tva Lpo Spb Mdk Kru Pma Pf Gau Pre Nta Kzu Wnn ZM ZR ZW MM IN LK

Azanus (s.str.) jesous gamra (Lederer, 1855) (Lycaenidae) Synonym(s): gamra Lederer, 1855 Range (in codes): CY IL Pa Hf IR JO LB Bei MM IN LK

252. Azanus (s.str.) ubaldus (Stoll,[1782]) (Lycaenidae) Synonym(s): ubaldus Stoll,[1782]; zena Moore,1865; ethoda Walker,1870; itea Walker,1870; macalenga Trimen,1870; thebana Staudinger,1894. Range (in codes): Ad AO As BF BH BI BJ BW CF CG CI CM DJ DZ EG EG11 EH ER ET GA GH GM GN GO Bio GW Hd Hj IN IR Hz KE LR LS ML MR MW MZ NA NE NG OM QA RW JO SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Tva Lpo Spb Mdk Wm Nta Kzu Est Wb Gau Jh Wel Buf ZM ZR ZW PK Cp MM LK IN Kgr SD91 SD119

Celastrina Tutt,1906 (Lycaenidae) Synonym(s): Celastrina Tutt,1906; Cyaniriodes Matsumura,1919 nec de Niceville,1890; Maslowskia Kurenzov,1974.

253. Celastrina argiolus (Linnaeus,1758) (Lycaenidae) Synonym(s): argiolus Linnaeus,1758; cleobis Sulzer,1776; thersanon Bergsträβer,1779; argyphontes Bergsträβer,1779; argalus Bergsträβer,1779; marginatus Retzius,1783; acis Fabricius,1787 nec Dru.,[1773]; #parvipuncta Fuchs,1880; calidogenita Verity,1919; britanna Verity,1919. Range (in codes): He IL Ae AL AM Ao At AT AZ Ba BE BG BY CH CN Co Cr CY CZ DE DK DZ EE ES FI FR GB GG GR HU IE IQ IR IT KG KK Ku LT LU LV MA MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr TM TN TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken SY Kuz Sli DsA TrA KuA Ax Sau Ta JP MN KP KR TW Yu PH Luz Vv Sh Buc Mrk US CA MX PA LB Sj AF Als Ssk Mnt Mon Wc Nfl Ti Btn Ats BCo Cf Ut Ne NMx PA GT Us Mc Bry Ok SCa Tx Ge Lou Kan Aks Mss Alb Bn T-S Ab Ak Elb Th Ha Fa Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm MX Arz Cf Cnt Col Dw Fl Id Idp Iln Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk NMx Ne Neb Nh Nje Ny Oh Org Pns RDi SDk Tnn Ut Vi Vr WVi Wc Ws Wy Nsr TH CMa CDo MM NP IN Clc SI Slo Ass VN Ann Cc Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 45 46 47 48 49 50 51 52 53 54 56 59 60 61 62 65 66 67 69 72 73 75 76 78 81

Celastrina argiolus argiolus (Linnaeus,1758) (Lycaenidae) Synonym(s): argiolus Linnaeus,1758; cleobis Sulzer,1776; thersanon Bergsträßer,1779; argyphontes Bergsträßer,1779; argalus Bergsträßer,1779; marginatus Retzius,1783; acis Fabricius,1787 nec Dru.,[1773]; #parvipuncta Fuchs,1880; calidogenita Verity,1919; britanna Verity,1919. Range (in codes): Ae AL AM Ao At Bn AT AZ Ba BE BG Bw BY CH Co Cr CZ DE DK EE ES Mu FI FR GB GG GR HU IE IT KG LT LU LV MK MT NL NO PL PT Rd RO Rp RU Sa SE Si SK Sm So Sr UA Uk VI YU Cw Dv Smt H-W Sur Ssx Ken SY Kuz Sli Sau Sju Tar Buc Mrk Cc

 Celastrina argiolus
 hypoleuca (Kollar,[1849])
 (Lycaenidae)
 Synonym(s):
 hypoleuca

 Kollar,[1849]; paraleuca Röber,1897.
 Range (in codes):
 LB CY AF IQ Nsr IR Ab Ak Elb Th Ha Fa TM KK TR Cc KG T-S

 Sju DsA TrA KuA Ax CN Ui Ku Sj RU
 Distribution in Turkey (in codes):
 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17

 18 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 45 46 47 48 49 50 51 52 53 54 56 59 60 61 62 65 66
 67 69 72 73 75 76 78 81

Glaucopsyche Scudder,1872 (Lycaenidae) Synonym(s): Glaucopsyche Scudder,1872 Glaucopsyche (Apelles) Hemming,1931 (Lycaenidae) Synonym(s): Apelles Hemming,1931

**254. Glaucopsyche (Apelles) astraea (Freyer,[1851])** (Lycaenidae) Synonym(s): astraea Freyer,[1851]; #astrea Gerhard,1853 Range (in codes): **TR** Distribution in Turkey (in codes): 01 05 07 32 33 38 42 44 51 58 60 62 66 70

Glaucopsyche (Apelles) astraea astraea (Freyer,[1851]) (Lycaenidae) Synonym(s): astraea Freyer,[1851]; #astrea Gerhard,1853 Range (in codes): TR Distribution in Turkey (in codes): 01 05 33 38 42 44 51 58 60 62 66 70

Glaucopsyche (Apelles) astraea eckweileri Koçak,1979 (Lycaenidae) Synonym(s): eckweileri Koçak,1979 Range (in codes): TR Distribution in Turkey (in codes): 07 32

**255.** Glaucopsyche (Apelles) paphos (Chapman,1920) (Lycaenidae) Synonym(s): paphos Chapman,1920 Range (in codes): CY Rd

Glaucopsyche (Apelles) paphos paphos (Chapman,1920) (Lycaenidae) Synonym(s): paphos Chapman,1920 Range (in codes): CY Rd

Glaucopsyche (Iolana) Bethune-Baker,1914 (Lycaenidae) Synonym(s): Iolana Bethune-Baker,1914

**256.** Glaucopsyche (Iolana) alfierii Wiltshire,1948 (Lycaenidae) Synonym(s): alfierii Wiltshire,1948 Range (in codes): EG Sn IL JO

Glaucopsyche (Iolana) alfierii alfierii Wiltshire,1948 (Lycaenidae) Synonym(s): alfierii Wiltshire,1948 Range (in codes): EG Sn IL JO

**257. Glaucopsyche (Iolana) lessei Bernardi,1964** (Lycaenidae) Synonym(s): *lessei Bernardi,1964; christinae Betti,1977*; *cappadocia Betti,1977* Range (in codes): Cc **TR LB** Distribution in Turkey (in codes): 01 03 05 06 07 08 13 15 16 18 21 23 24 25 30 33 35 37 38 42 43 46 48 50 51 60 62 65 70 73

Glaucopsyche (s.str.) Scudder, 1872 (Lycaenidae) Synonym(s): Glaucopsyche Scudder, 1872

**258. Glaucopsyche (s.str.) alexis (Poda,1761)** (Lycaenidae) Synonym(s): *alexis Poda,1761; damaetas [Denis & Schiffermüller,1775; #sublugens Strand,1909; #insulicola Turati & Fiori,1930; mironi Coutsis,1976.* Range (in codes): AF AL AM AT At Bn Cc AZ Ba BE BG BY CH Co CZ DE DK DZ EE ES Mu Mu18 FI FR GG GR Rd HU Ii IT KG Ku LT LU LV MK NO PL PT RO RU SE Si SK Sm So Sr TM **TR LB IQ** UA Uk Vl YU He **IL** Pa Hf Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 56 58 60 61 62 65 66 68 69 70 71 73 74 76 80

Glaucopsyche (s.str.) alexis alexis (Poda,1761) (Lycaenidae) Synonym(s): alexis Poda,1761; damaetas [Denis & Schiffermüller,1775; #sublugens Strand,1909; #insulicola Turati & Fiori,1930; mironi Coutsis,1976. Range (in codes): Ae At Bn AL AT Ba BE BG BY CH Co CZ DE DK EE FI FR GR HU IT KG LT LU LV MK NO PL Rd RO RU SE Si SK Sm So Sr TR UA Uk Vl YU Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 28 29 30 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 58 60 61 62 65 66 68 69 70 71 73 74 76 80

Glaucopsyche (s.str.) alexis lugens (Caradja,1893) (Lycaenidae) Synonym(s): lugens Caradja,1893 Range (in codes): RO GG AM Cc AZ RU TR IQ LB IR Distribution in Turkey (in codes): 13 21 23 27 30 31 46 47 56 65 73 76

Glaucopsyche (s.str.) alexis tristis (Gerhard,[1851]) (Lycaenidae) Synonym(s): tristis Gerhard,[1851] Range (in codes): TR

**Phengaris Doherty,1891** (Lycaenidae) Synonym(s): #Argus Boisduval,[1832] nec Bohadsch,1761; Phengaris Doherty,1891; Maculinea van Eecke,1915

259. Phengaris arion (Linnaeus,1758) (Lycaenidae) Synonym(s): arion Linnaeus,1758; telegone Bergsträßer,1779; telegones Bergsträßer,1779; mamers Bergsträßer,1779; arctophoni Bergsträßer,1779; arcina Fruhstorfer,1910; eutyphron Fruhstorfer,1915; microchroa Verity,1948; gelriae Lempke,1956 Range (in codes): AL At Bn Kts AM Cc AT Ba BE BG BY CH CN Co CZ DE DK EE ES FI FR GB GG Bjo GR HU IT HV IR Ab Ak Ar Kb Kc LT LU LV MK NL PL PT RO RU Pja SE SK Sm So Sr St TR T-S UA Ui VI YU B-H WAt SAt CAt NAt Sau Tar DsA Ket Tu KuA TrA KG Distribution in Turkey (in codes): 03 04 05 06 08 13 14 16 24 25 29 34 36 49 62 65 69 74 75 76

Phengaris arion zara (Jachontov,1935) (Lycaenidae) Synonym(s): caucasica Jachontov,1914 nec Led.,1870; zara Jachontov,1935 Range (in codes): Cc GG Bjo RU Pja AM TR IR Ab Ak Ar Distribution in Turkey (in codes): 03 04 05 06 08 13 14 16 24 25 29 34 36 49 62 65 69 74 75 76

**260. Phengaris nausithous (Bergsträßer,[1779])** (Lycaenidae) Synonym(s): nausithous Bergsträsser,1779; nausithoe Bergsträsser,1779; arcas Rottemburg,1775 nec Drury,1773; erebus Knoch,1782. Range (in codes): Cc AM AT Ba BY CH CZ DE ES FR GG HU KG NL PL RU Vl Sb No SK Sm So Sr **TR** UA Kiw Uk HV YU Mn Sj At Bn Distribution in Turkey (in codes): 04 08 24 25 36 69 75 76

**Phengaris nausithous ssp.** (Lycaenidae) - Range (in codes): Cc **TR** AM GG Distribution in Turkey (in codes): 04 08 24 25 36 69 75 76

**261.** Phengaris rebeli (Hirschke,1904) (Lycaenidae) Synonym(s): rebeli Hirschke,1904; coerulea Vorbrodt,1912; latimargo Courvoisier,1913; alpicola Beuret,1949; cruciata Beuret,1949; gadmensis Beuret,1949; magnalpicola Beuret,1949. Range (in codes): AL AT BE BG CH CZ DE ES FR GR IT HV KK SK YU Cc GG AM **TR** Ax KK KG Tk T-S Aa DsA Ket TeA KuA TrA RU Kb Kc At Sj KP KR Distribution in Turkey (in codes): 08 18 24 25 29 36 37 60 65 69 74 75 76

**Phengaris rebeli monticola (Staudinger,1901)** (Lycaenidae) Synonym(s): monticola Staudinger,1901. Range (in codes): Cc GG Kb Kc AM RU **TR** Distribution in Turkey (in codes): 08 18 24 25 29 36 37 60 65 69 74 75 76

Pseudophilotes Beuret,1958 (Lycaenidae) Synonym(s): Pseudophilotes Beuret,1958

**262. Pseudophilotes abencerragus (Pierret,1837)** (Lycaenidae) Synonym(s): *abencerragus Pierret,1837* Range (in codes): MA Atj Cue DZ EG ES Mu **IL JO** LY Cy MA Mdr Ngv PT SA Sn TN

**Pseudophilotes abencerragus nabataeus (Graves,1925)** (Lycaenidae) Synonym(s): nabataeus Graves,1925 Range (in codes): **IL JO** Ngv SA Sn

- **263. Pseudophilotes jordanicus Benyamini,2000** (Lycaenidae) Synonym(s): *jordanicus Benyamini,2000* Range (in codes): **JO** SA
- **264. Pseudophilotes vicrama (Moore,1865)** (Lycaenidae) Synonym(s): *vicrama Moore,1865* Range (in codes): AF AL At Bn AT Ba BG BY **CY** Ch Ci CN Cr CZ DE EE FI GR HU Ii IN IR Elb Fa Kp **IQ IL** Pa **SY** IT KG Ld LT LV PK PL RO RU SK Sm So Sr Ti TM **TR** Cc GG Smt Akh UA Ui Vl YU Uk Kt Ka Sp Sau Tar DsA TrA Db Syr Tm Ku T-S Distribution in Turkey (in codes): 01 03 04 05 06 07 08 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 42 43 44 45 46 47 48 49 50 51 56 58 60 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80

**Pseudophilotes vicrama** astabene (Hemming,1932) (Lycaenidae) Synonym(s): clara Staudinger,1901; astabene Hemming,1932 Range (in codes): CY SY IL He Pa IR Elb Th Fa IQ Kp OM TM KG Sp Sau Tar T-S DsA TrA Db Syr Tm RU At CN Ui Ku

**Pseudophilotes vicrama schiffermuelleri (Hemming,1929)** (Lycaenidae) Synonym(s): hylas Denis & Schiffermüller,1775 nec Linn.,1758; schiffermülleri Hemming,1929. Range (in codes): Ae AL AT BG B-H BY Cr CZ DE FI GR HU HV IR IT LT LV MK PL Rd RO RU SK SS TM **TR** Cc GG Smt Akh UA YU KG Uk Distribution in

Turkey (in codes): 01 03 04 05 06 07 08 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 42 43 44 45 46 47 48 49 50 51 56 58 60 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80

## Rubrapterus Korshunov,1987 (Lycaenidae) Synonym(s): Rubrapterus Korshunov,1987

265. Rubrapterus bavius (Eversmann, 1832) (Lycaenidae) Synonym(s): bavius Eversmann, 1832 Range (in codes): Ba Ce Cm GR HU IL Pa Hf IR Elb Mz KG LB MK RO RU Sm Sr SY TR Cc UA Uk Vl Distribution in Turkey (in codes): 01 05 06 07 08 09 13 14 16 17 21 23 24 27 28 30 31 32 33 34 35 38 41 42 44 46 47 48 51 58 60 62 63 65 69 70 71 73 80

Rubrapterus bavius egeus (Herrich-Schäffer,[1852]) (Lycaenidae) Synonym(s): Range (in codes): TR Cc Distribution in Turkey (in codes): 01 05 07 08 09 14 16 17 21 23 24 Herrich-Schäffer,[1852] 28 31 32 33 34 35 38 41 42 44 46 48 51 58 60 62 69 70 80

Rubrapterus bavius eitschbergeri (Koçak,1975) (Lycaenidae) Synonym(s): Range (in codes): IL Pa LB SY TR Distribution in Turkey (in codes): 27 47 63

Rubrapterus bavius masal Koçak,1998 (Lycaenidae) Synonym(s): masal Koçak,1998 Range (in codes): **TR** Distribution in Turkey (in codes): 62

Rubrapterus bavius oenalpae (Koçak,1975) (Lycaenidae) Synonym(s): oenalpae Koçak,1975; Range (in codes): **TR** Distribution in Turkey (in codes): 06 71 #onalpe Coutsis,2008

Rubrapterus bavius vanicola (Koçak,1977) (Lycaenidae) Synonym(s): vanicola Koçak,1977 Range (in codes): TR IR Mz 13 30? 65 73

# Scolitantides Hübner, [1819] (Lycaenidae) Synonym(s): Scolitantides Hübner, [1819]

266. Scolitantides orion (Pallas,1771) (Lycaenidae) Synonym(s): orion Pallas,1771; battus Denis & Schiffermüller,1775; telephii Esper,1779; sedi Fabricius,1781; hecateus Drapiez,1819; metioche Fruhstorfer,1910; lariana Fruhstorfer,1910; micrometioche Verity,1943. Range (in codes): AL At Bn AT Ba BG B-H BY CH CN CZ DE EE ES FI FR GR HU Ii IT JP KG KP KR MK MN NO PL RO RU SE SK Sm So Sr Ti **TR** Cc T-S UA Ui Vl YU Uk Sau Mrk Tlk Tar DsA TrA Kts Distribution in Turkey (in codes): 01 05 06 07 08 16 25 27 33 34 39 41

Scolitantides orion orion (Pallas, 1771) (Lycaenidae) Synonym(s): orion Pallas, 1771; battus Denis & Schiffermüller,1775; telephii Esper,1779; sedi Fabricius,1781; hecateus Drapiez,1819; metioche Fruhstorfer,1910; lariana Range (in codes): AL AT Ba BG B-H Bhm BY CH CZ DE ES Fo6 Fo7 F15 Fruhstorfer,1910; micrometioche Verity,1943. F26 F42 F43 F46 F48 F52 F63 F69 F83 F84 FR Fvg GR HU IT KG MCe MK Mt PL RO RU Sav SK Sm So Sr SS TR Cc Trl Tsn UA Ur Va Vl YU Uk Distribution in Turkey (in codes): 01 05 06 07 08 16 25 27 33 34 39 41

Turanana Bethune-Baker,1916 (Lycaenidae) Synonym(s): Turania Bethune-Baker,1914 nec Rag.,1890; Turanana Bethune-Baker,1916

Turanana cytis (Christoph, 1877) (Lycaenidae) Synonym(s): cytis Christoph, 1876 Range (in codes): IR Ak Sah Elb Fa TM TR UZ Distribution in Turkey (in codes): 30 65

Turanana cytis kurdistana Eckweiler,1984 (Lycaenidae) Synonym(s): kurdistana Eckweiler,1984

Range (in codes): TR IR Distribution in Turkey (in codes): 30 65

**268.** Turanana endymion (Freyer,[1850]) (Lycaenidae) Synonym(s): endymion Freyer,[1850] Range (in codes): Cc GG IL Pa He IR LB TR IQ Zj Ab Ak Elb Kp Se Ha TM Ke Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 13 14 15 21 23 24 25 26 29 30 31 32 33 35 36 38 42 44 46 47 50 51 52 55 58 60 62 65 66 69 70 71 72 73 76

Turanana endymion endymion (Freyer,[1850]) (Lycaenidae) Synonym(s): Range (in codes): He IL Pa LB TR Cc IQ Distribution in Turkey (in codes): 01 02 04 05 06 07 08 13 14 15 21 23 24 25 26 29 30 31 32 33 35 36 38 44 46 47 50 52 55 58 60 62 65 66 69 70 71 72 73 76

**269.** Turanana taygetica (Rebel,1902) (Lycaenidae) Synonym(s): taygetica Rebel,1902 Range (in codes): GR TR Distribution in Turkey (in codes): 03 42 51 70

Turanana taygetica micrasiatica Coutsis, 2006 (Lycaenidae) Synonym(s): micrasiatica Range (in codes): TR Distribution in Turkey (in codes): 03 42 51 70 Coutsis,2006

Polyommatus Latreille, 1804 (Lycaenidae) Synonym(s): Polyommatus Latreille, 1804 Polyommatus (Agriades (s.str.)) Hübner, [1819] (Lycaenidae) Synonym(s): Agriades Hübner,[1819]; Latiorina Tutt,[1909]

- 270. Polyommatus (Agriades (s.str.)) pyrenaicus (Boisduval,1840) (Lycaenidae) Synonym(s): pyrenaicus Boisduval,1840; #pyrenicus Naderi,2003 Range (in codes): Cc BG ES FR GR TR Arr YU RU Voo GG IR Ab UA Kkv Distribution in Turkey (in codes): 04 05 08 13 16 24 25 29 38 42 46 51 53 58 60 65 69
- Polyommatus (Agriades (s.str.)) pyrenaicus araraticus (Gerhard,1853) (Lycaenidae) Synonym(s): araraticus Gerhard,1853; latedisjuncta Alberti,1973; erzurumensis Eckweiler & Hesselbarth,1978 (cf. Varga, 1977:274). Range (in codes): Cc GG RU TR Arr IR Ab Distribution in Turkey (in codes): 04 05 08 13 24 25 29 53 58 60 65 69 76
- Polyommatus (Agriades (s.str.)) pyrenaicus dardanus (Freyer,[1844]) (Lycaenidae) Synonym(s): dardanus Freyer,[1844]; hesselbarthi Nekrutenko,1974 nec Manl.,1970. Range (in codes): TR Distribution in Turkey (in codes): 16 16
- Polyommatus (Agriades (s.str.)) pyrenaicus yusuf (Koçak & Seven,1995) (Lycaenidae) Synonym(s): yusuf Koçak & Seven,1995 Range (in codes): TR Distribution in Turkey (in codes): 38
- **Polyommatus (Albulina (Plebejidea)) Koçak,1983** (Lycaenidae) Synonym(s): *Plebejidea Koçak,1983; Glabroculus Lvovsky,1993; Elviria Zhdanko,1994.*
- **271. Polyommatus (Albulina (Plebejidea)) loewii (Zeller,1847)** (Lycaenidae) Synonym(s): loewii Zeller,1847; empyrea Gerhard,[1851]; gigas Staudinger,1871; #robusta Turati & Fiori,1930; germaniciae Pfeiffer,1932; dzhegamati Sheljuzhko,1934. Range (in codes): Nwf Ci Bl Chm Bm Kab AF Cc AM AZ EG GG Smt Akh GR IL IQ IR Zj By Fa Elb Th **JO** Kc KG KK **LB** Nf Nj OM PK Rd RU SA **SY** TJ TM **TR** Ld Distribution in Turkey (in codes): o1 02 03 04 05 06 07 08 12 13 14 15 18 21 24 25 26 27 29 30 32 33 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 56 58 60 62 63 65 66 69 70 71 72 73 75 76 78 80
- Polyommatus (Albulina (Plebejidea)) loewii antilibanoticus (Hemming,1929) (Lycaenidae) Synonym(s): antilibanotica Hemming,1929 Range (in codes): LB
- Polyommatus (Albulina (Plebejidea)) loewii lockarti (Hemming,1929) (Lycaenidae) Synonym(s): lockarti Hemming,1929 Range (in codes): JO
- **Polyommatus (Albulina (Plebejidea)) loewii loewii (Zeller,1847)** (Lycaenidae) Synonym(s): loewii Zeller,1847; empyrea Gerhard,[1851]; gigas Staudinger,1871; #robusta Turati & Fiori,1930; germaniciae Pfeiffer,1932; dzhegamati Sheljuzhko,1934. Range (in codes): Ae Cc GG Smt Akh GR Kc Rd AM AZ RU **TR IQ** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 12 13 14 15 18 21 24 25 26 27 29 30 32 33 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 56 60 62 63 65 66 69 70 71 72 73 75 76 78 80
- Polyommatus (Albulina (Plebejidea)) loewii minimus Junge & Rose,1978 (Lycaenidae) Synonym(s): minimus Junge & Rose,1978. Range (in codes): TR Distribution in Turkey (in codes): 58
- Polyommatus (Albulina (Plebejidea)) loewii uranicola (Walker,1870) (Lycaenidae) Synonym(s): uranicola Walker,1870 Range (in codes): EG Sn JO
- 272. Polyommatus (Albulina (Plebejidea)) rosei (Eckweiler,1989) (Lycaenidae) Synonym(s): rosei Eckweiler,1989 Range (in codes): TR IR Ab Lo Distribution in Turkey (in codes): 65
  Polyommatus (Albulina (Plebejidea)) rosei rosei (Eckweiler,1989) (Lycaenidae) Synonym(s): rosei Eckweiler,1989 Range (in codes): TR IR Ab Distribution in Turkey (in codes): 65
- **Polyommatus (Albulina (Vacciniina)) Tutt,[1909]** (Lycaenidae) Synonym(s): *Vacciniina Tutt,[1909]; Farsia Zhdanko,1994*
- **273.** Polyommatus (Albulina (Vacciniina)) alcedo (Christoph,1877) (Lycaenidae) Synonym(s): alcedo Christoph,1877 Range (in codes): Cc AM AZ IR Yz Elb Ke TR IQ Distribution in Turkey (in codes): 08 13 24 25 27 29 30 32 36 38 50 51 58 62 65 69 73 76
- Polyommatus (Albulina (Vacciniina)) alcedo alcedo (Christoph,1877) (Lycaenidae) Synonym(s): alcedo Christoph,1877 Range (in codes): Cc AM AZ IR Elb Ke TR IQ Distribution in Turkey (in codes): 08 13 24 25 27 29 30 32 36 38 50 51 58 62 65 69 73 76
- **274. Polyommatus** (**Albulina** (**Vacciniina**)) **morgianus** (**Kirby,1871**) (Lycaenidae) Synonym(s): *hyrcana Lederer,1869 nec Feld.,1860; morgiana Kirby,1871*. Range (in codes): **TR** Cc AZ Nv IR Ak Ab Kh Es Fa Ke Elb Mz Yz Ss Distribution in Turkey (in codes): 65
- **Polyommatus (Aricia) [Reichenbach],1817** (Lycaenidae) Synonym(s): *Aricia [Reichenbach],1817; Gynomorphia Verity,1929.*

Polyommatus (Aricia (Eumedonia)) Forster,1938 (Lycaenidae) Synonym(s): Eumedonia Forster,1938

275. Polyommatus (Aricia (Eumedonia)) eumedon (Esper,[1780]) (Lycaenidae) Synonym(s): chiron Rottemburg,1775 nec Fabr.,1775; eumedon Esper,[1780]; osiris O.Bang-Haas,1927 nec Hopff.,1855; rumeliensis Eitschberger & Stein.,1975; jeanensis Eitschberger & Stein.,1975; kagizmanensis Koçak,1980. Range (in codes): AL Bn Kts At AT Aty Ba BG BY CH CN CZ DE EE ES FI FR Cc GG GR HU Ir IT KK KG Kmt LB LT LV NO PK PL RO RU SE Si SK Sm So Sr TR T-S UA Ui YU Or Uk Bs Cb Kt Ty Kw Om Pw Sp Mn No Tk Aa Db Syr Tm Sau Tar Kuz Sli DsA Ket TeA KuA TrA Ax Bbu Ci Gg Nwf T-S IR Ab Sry Distribution in Turkey (in codes): 01 03 05 06 08 13 14 16 18 24 25 29 32 33 36 38 42 46 51 53 58 60 61 65 66 69 70 74 75 76 78

Polyommatus (Aricia (Eumedonia)) eumedon aladaghensis (Koçak,1979) (Lycaenidae) Synonym(s): *aladaghensis Koçak,1979* Range (in codes): **TR** Distribution in Turkey (in codes): 01 33 42 46 51 70

Polyommatus (Aricia (Eumedonia)) eumedon eumedon (Esper,[1780]) (Lycaenidae) Synonym(s): chiron Rottemburg,1775 nec Fabr.,1775; eumedon Esper,[1780]; osiris Bang-Haas,1927 nec Hopffer,1855; rumeliensis Eitschberger & Stein.,1975; jeanensis Eitschberger & Stein.,1975; kagizmanensis Koçak,1980. Range (in codes): Aa At Bn Kts AT Aty BG B-H Bw CN DE HV KG KK MK Mn RU Sp SS Stm Tk TR Ui Kml Ur YU Or Uk Bs Cb Kt Ty Kw Om Pw Sp Mn No Tk Aa Db Tm Sau Tar Kuz Sli DsA Ket TeA KuA TrA Ax T-S Syr Cc Distribution in Turkey (in codes): 03 05 06 08 13 14 16 18 24 25 29 32 36 38 42 58 60 61 66 69 75 76 78

Polyommatus (Aricia (Eumedonia)) eumedon modestus (Nekrutenko,1972) (Lycaenidae) Synonym(s): modestus Nekrutenko,1972 Range (in codes): Cc GG TR Distribution in Turkey (in codes): 08 36 53 75

Polyommatus (Aricia (Eumedonia)) eumedon mylittus (Hemming,1931) (Lycaenidae) Synonym(s): mylittus Hemming,1931 Range (in codes): LB

Polyommatus (Aricia (Eumedonia)) eumedon namus Koçak & Kemal,2002 (Lycaenidae) Synonym(s): namus Koçak & Kemal,2002 Range (in codes): TR Distribution in Turkey (in codes): 65

**Polyommatus (Aricia (Pseudoaricia)) Beuret,1959** (Lycaenidae) Synonym(s): *Pseudoaricia Beuret,1959* 

**276.** Polyommatus (Aricia (Pseudoaricia)) hyacinthus (Herrich-Schäffer,[1847]) (Lycaenidae) Synonym(s): hyacinthus Herrich-Schäffer,[1847]; guelayae Schurian & Rose,1991; silvestris Schurian & Eckweiler,1993. Range (in codes): TR Distribution in Turkey (in codes): 03 07 11 14 26 32 42 60

Polyommatus (Aricia (Pseudoaricia)) hyacinthus hyacinthus (Herrich-Schäffer,[1847]) (Lycaenidae) Synonym(s): hyacinthus Herrich-Schäffer,[1847]; guelayae Schurian & Rose,1991; silvestris Schurian & Eckweiler,1993. Range (in codes): TR Distribution in Turkey (in codes): 03 07 11 14 26 32 42 60

277. Polyommatus (Aricia (Pseudoaricia)) isauricus (Staudinger,1871) (Lycaenidae) Synonym(s): isauricus Staudinger,1871 Range (in codes): LB TR Cc Distribution in Turkey (in codes): 01 04 07 24 25 33 35 36 38 42 44 46 51 58 62 76

Polyommatus (Aricia (Pseudoaricia)) isauricus dorsumstellae (Graves,1923) (Lycaenidae) Synonym(s): dorsumstellae Graves,1923 Range (in codes): He IL LB TR Distribution in Turkey (in codes): 01 38 44 46 51 58 62

Polyommatus (Aricia (Pseudoaricia)) isauricus isauricus (Staudinger,1871) (Lycaenidae) Synonym(s): *isauricus Staudinger,1871* Range (in codes): TR Distribution in Turkey (in codes): 01 07 33 35 42

Polyommatus (Aricia (Pseudoaricia)) isauricus latimargo (Miller,1923) (Lycaenidae) Synonym(s): #latimargo Courvoisier,1913; latimargo Miller,1923. Range (in codes): TR Cc Distribution in Turkey (in codes): 04 24 25 36 76

**278. Polyommatus (Aricia (Pseudoaricia)) teberdinus (Sheljuzhko,1934)** (Lycaenidae) Synonym(s): *teberdinus Sheljuzhko,1934* Range (in codes): Kc Teb RU Cc TR Distribution in Turkey (in codes):

Polyommatus (Aricia (Pseudoaricia)) teberdinus nahizericus (Eckweiler,1978) (Lycaenidae) Synonym(s): nahizericus Eckweiler,1978 Range (in codes): TR Distribution in Turkey (in codes): 25

**279.** Polyommatus (Aricia (Pseudoaricia)) torulensis Hesselbarth & Siepe,1993 (Lycaenidae) Synonym(s): torulensis Hesselbarth & Siepe,1993 Range (in codes): TR Distribution in Turkey (in codes): 29 60 66

Polyommatus (Aricia (Pseudoaricia)) torulensis torulensis Hesselbarth & Siepe,1993 (Lycaenidae) Synonym(s): torulensis Hesselbarth & Siepe,1993 Range (in codes): TR Distribution in Turkey (in codes): 29 60 66

Polyommatus (Aricia (Ultraaricia)) Beuret,1959 (Lycaenidae) Synonym(s): *Ultraaricia Beuret,1959* 

**280.** Polyommatus (Aricia (Ultraaricia)) anteros (Freyer,[1838]) (Lycaenidae) Synonym(s): anteros Freyer,[1838]; eroides Gerhard,[1851] nec Frivaldsky,1835; orpheus Nekrutenko,1980. Range (in codes): BG TR Cc GG RU IR Ak Ab Distribution in Turkey (in codes): 01 03 05 06 07 10 11 13 14 15 16 18 19 20 26 29 32 33 34 35 37 38 39 41 42 43 46 51 52 53 54 55 58 60 62 66 67 70 74 75 77 81

**Polyommatus (Aricia (Ultraaricia)) anteros anteros (Freyer,[1838])** (Lycaenidae) Synonym(s): anteros Freyer,[1838]; eroides Gerhard,[1851] nec Frivaldsky,1835; orpheus Nekrutenko,1980. Range (in codes): **TR** BG IR Ab Ak Distribution in Turkey (in codes): 01 03 05 06 07 10 11 13 14 15 16 18 19 20 26 29 32 33 34 35 37 38 39 41 42 43 46 51 52 53 54 55 58 60 62 66 67 70 74 75 77 81

- 281. Polyommatus (Aricia (Ultraaricia)) bassoni (T.Larsen,1974) (Lycaenidae) Synonym(s): bassoni T.Larsen,1974 Range (in codes): He IL Pa LB TR Distribution in Turkey (in codes): 31
  Polyommatus (Aricia (Ultraaricia)) bassoni bassoni (T.Larsen,1974) (Lycaenidae) Synonym(s): bassoni T.Larsen,1974 Range (in codes): He IL Pa LB TR Distribution in Turkey (in codes): 31
- 282. Polyommatus (Aricia (Ultraaricia)) crassipunctus (Christoph,1893) (Lycaenidae) Synonym(s): crassipunctus Christoph,1893; #crassipunctata Seitz,1909. Range (in codes): Cc AM IQ IR Ab Ak Nv Elb Th Es TR Distribution in Turkey (in codes): 08 13 21 24 25 30 36 38 44 46 53 62 65 76 80

Polyommatus (Aricia (Ultraaricia)) crassipunctus crassipunctus (Christoph,1893) (Lycaenidae) Synonym(s): crassipunctus Christoph,1893; #crassipunctata Seitz,1909. Range (in codes): Cc AM IR Ab Ak Nv TR Distribution in Turkey (in codes): 08 21 24 25 36 38 44 46 53 62 76 80

Polyommatus (Aricia (Ultraaricia)) crassipunctus mehmetcik Koçak & Kemal,2002 (Lycaenidae) Synonym(s): mehmetcik Koçak & Kemal,2002 Range (in codes): TR IQ IR Distribution in Turkey (in codes): 13 30 65

Polyommatus (Aricia (s.str.)) Reichenbach,1817 (Lycaenidae) Synonym(s): Aricia s.str. Reichenbach,1817

283. Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775) (Lycaenidae) Synonym(s): medon Hufnagel,1766 nec Linn.,1763; alexis Rottemburg,1775 nec Poda,1761; agestis [Denis & Schiffermüller],1775; astrarche Bergsträβer,[1779]. Range (in codes): AL AM Ao At AT AZ Ba BE BG B-H BY CH CN Co Cr CZ DE DK FR GB GG GR ES Mu HU HV IL IQ IR IT JO KG KK Ku LB LT LU MK MT NL PL Rd RO RU SE Si SK Sm So Sr SS SY Tk TM TR T-S UA Ui Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken LAT Wn Sau Tar DsA TrA Ax T-S PK Nwf Ci IN Kma CY Ab Ak Elb Th Kp Fa Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 54 55 56 58 60 61 62 63 65 66 68 69 70 71 72 73 75 76 78 81

Polyommatus (Aricia (s.str.)) agestis agestis ([Denis & Schiffermüller],1775) (Lycaenidae) Synonym(s): medon Hufnagel,1766 nec Linn.,1763; alexis Rottemburg,1775 nec Poda,1761; agestis [Denis & Schiffermüller],1775; astrarche Bergsträβer,[1779]. Range (in codes): He AL AM Ao At AT AZ Ba BE BG B-H Bw BY CH Co Cr CZ DE DK FR GB GG GR HU HV IL IQ IR IT JO KG KK LB LT LU MK MT NL PL Rd RO RU SE Si SK Sm So Sr SS SY TM TR UA Uk Vl YU Cw Dv Smt H-W Sur Ssx Ken LAT Wn Sau Tar DsA TrA Ax PK Nwf Ci IN Kma CY T-S Ab Ak Elb Th Kp Fa Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 54 55 56 58 60 61 62 63 65 66 68 69 70 71 72 73 75 76 78 81

284. Polyommatus (Aricia (s.str.)) artaxerxes (Fabricius,1793) (Lycaenidae) Synonym(s): artaxerxes Fabricius,1793. Range (in codes): AT Bn At Kts Ba BG CH CZ DE DK DZ EE ES Mu FI FR GB GR HU IT LT LV KG KK MK NO RO RU Kc Teb SE Si SK So Sr TR IR Ab YU Sli Kuz NAt Tk DsA Lps Ket TrA Ax TeA KuA T-S CN Ui Kml AF AM Cc AZ Kir GG Bku Bjo Smt Distribution in Turkey (in codes): 03 06 08 14 18 25 29 32 35 36 43 45 60 61 65 69 75

**Polyommatus (Aricia (s.str.)) artaxerxes macedonicus (Verity,1936)** (Lycaenidae) Synonym(s): *macedonicus Verity,1936; issekutzi Balogh,1956.* Range (in codes): BG GR MK HU RO **TR** Distribution in Turkey (in codes): 03 06 14 18 32 35 43 45

Polyommatus (Aricia (s.str.)) artaxerxes sheljuzhkoi (Obraztsov,1935) (Lycaenidae) Synonym(s): *sheljuzhkoi Obraztsov*,1935; #azerbajdzhana Obraztsov,1935. Range (in codes): AF Cc AM AZ Kir RU Kc Teb GG Bku Bjo Smt TR IR Ab Distribution in Turkey (in codes): 08 25 29 36 60 61 65 69 75

**Polyommatus (s.str. (Agrodiaetus)) Hübner,1822** (Lycaenidae) Synonym(s): *Agrodiaetus Hübner,1822*; *Hirsutina Tutt,[1909]*.

- Polyommatus (s.str. (Agrodiaetus (Actisia))) Koçak & Kemal,2001 (Lycaenidae) Synonym(s): Actisia Koçak & Kemal,2001
- **285.** Polyommatus (s.str. (Agrodiaetus (Actisia))) actis (Herrich-Schäffer,[1851]) (Lycaenidae) Synonym(s): atys Gerhard,[May,1851] nec atys Hübner,1804 non Cramer,1780; actis Herrich-Schäffer,[December,1851]; athis Freyer,[December,1851]. Range (in codes): **TR** Distribution in Turkey (in codes): 05 06 25 60 66
- Polyommatus (s.str. (Agrodiaetus (Actisia))) actis actis (Herrich-Schäffer,[1851]) (Lycaenidae) Synonym(s): atys Gerhard,[May,1851] nec atys Hübner,1804 non Cramer,1780; actis Herrich-Schäffer,[December,1851]; athis Freyer,[December,1851]. Range (in codes): TR Distribution in Turkey (in codes): 05 06 25 60 66
- **286.** Polyommatus (s.str. (Agrodiaetus (Actisia))) artvinensis (Carbonell,1997) (Lycaenidae) Synonym(s): artvinensis Carbonell,1997 Range (in codes): Cc TR Distribution in Turkey (in codes): 08 25
- Polyommatus (s.str. (Agrodiaetus (Actisia))) artvinensis artvinensis (Carbonell,1997) (Lycaenidae) Synonym(s): artvinensis Carbonell,1997 Range (in codes): Cc TR Distribution in Turkey (in codes): 08 25
- 287. Polyommatus (s.str. (Agrodiaetus (Actisia))) bilgini (Dantchenko & Lukhtanov,2002) (Lycaenidae) Synonym(s): bilgini Dantchenko & Lukhtanov,2002 Range (in codes): TR Distribution in Turkey (in codes): 24 29
- 288. Polyommatus (s.str. (Agrodiaetus (Actisia))) cilicius (Carbonell,1998) (Lycaenidae) Synonym(s): cilicius Carbonell,1998 Range (in codes): TR Distribution in Turkey (in codes): 03 33 51 70
- Polyommatus (s.str. (Agrodiaetus (Actisia))) cilicius bolkarensis (Carbonell,1998) (Lycaenidae) Synonym(s): bolkarensis Carbonell,1998 Range (in codes): TR Distribution in Turkey (in codes): 51

  Polyommatus (s.str. (Agrodiaetus (Actisia))) cilicius cilicius (Carbonell,1998) (Lycaenidae) Synonym(s): cilicius Carbonell,1998 Range (in codes): TR Distribution in Turkey (in codes): 03 31
- 289. Polyommatus (s.str. (Agrodiaetus (Actisia))) haigi (Dantchenko & Lukhtanov,2002) (Lycaenidae) Synonym(s): haigi Dantchenko & Lukhtanov,2002 Range (in codes): TR Distribution in Turkey (in codes): 13 65
- 290. Polyommatus (s.str. (Agrodiaetus (Actisia))) pseudactis (Forster,1960) (Lycaenidae) Synonym(s): pseudactis Forster,1960; vaspurakani Lukhtanov & Dantchenko,2003 Range (in codes): Cc AM IR TR Distribution in Turkey (in codes): 01 03 04 08 24 25 29 30 31 36 38 42 44 46 49 50 51 58 62 65 66 69 76
- Polyommatus (s.str. (Agrodiaetus (Actisia))) pseudactis pseudactis (Forster,1960) (Lycaenidae) Synonym(s): pseudactis Forster,1960; vaspurakani Lukhtanov & Dantchenko,2003 Range (in codes): Cc AM IR TR Distribution in Turkey (in codes): 01 03 04 08 24 25 29 30 31 36 38 42 44 46 49 50 51 58 62 65 66 69 76
- **291.** Polyommatus (s.str. (Agrodiaetus (Actisia))) sertavulensis (Koçak,1979) (Lycaenidae) Synonym(s): sertavulensis Koçak,1979 Range (in codes): TR Distribution in Turkey (in codes): 07 32 33 42 70
- Polyommatus (s.str. (Agrodiaetus (Actisia))) sertavulensis ernesti Eckweiler,1989 (Lycaenidae) Synonym(s): ernesti Eckweiler,1989 Range (in codes): TR Distribution in Turkey (in codes): 07
- Polyommatus (s.str. (Agrodiaetus (Actisia))) sertavulensis sertavulensis (Koçak,1979) (Lycaenidae) Synonym(s): sertavulensis Koçak,1979 Range (in codes): TR Distribution in Turkey (in codes): 07 32 33 42 70
- 292. Polyommatus (s.str. (Agrodiaetus (Actisia))) sigberti Olivier, Poorten, Puplesiene & de Prins,2000 (Lycaenidae) Synonym(s): sigberti Olivier, Poorten, Puplesiene & de Prins,2000 Range (in codes): TR Distribution in Turkey (in codes): 01 03 24 26 28 32 38 42 51
- Polyommatus (s.str. (Agrodiaetus (Actisia))) sigberti sigberti Olivier, Poorten, Puplesiene & de Prins, (Lycaenidae) Synonym(s): sigberti Olivier, Poorten, Puplesiene & de Prins, 2000 Range (in codes): TR Distribution in Turkey (in codes): 01 03 24 26 28 32 38 42 51

- Polyommatus (s.str. (Agrodiaetus (Admetusia))) Koçak & Seven,1998 (Lycaenidae) Synonym(s): Admetusia Koçak & Seven,1998
- **293. Polyommatus** (**s.str.** (**Agrodiaetus** (**Admetusia**))) **admetus** (**Esper,**[1783]) (Lycaenidae) Synonym(s): *admetus Esper,*[1783] Range (in codes): AT BG BY GR HU RU SK **TR** UA YU MK Mt KG Sb Cc AM Zng AZ Tlh Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 14 15 16 17 18 20 22 24 25 26 29 32 33 35 36 38 39 40 41 42 43 44 46 50 51 52 55 58 59 60 62 64 66 68 69 70 71 75 76 78
- **Polyommatus (s.str. (Agrodiaetus (Admetusia))) admetus anatoliensis (Forster,1960)** (Lycaenidae) Synonym(s): *anatoliensis Forster,1960* Range (in codes): Cc **TR** Distribution in Turkey (in codes): 01 02 03 05 06 07 08 09 10 11 14 15 16 17 18 20 22 24 25 26 29 32 33 35 36 38 39 40 41 42 43 44 46 50 51 52 55 58 59 60 62 64 66 68 69 70 71 75 76 78
- 294. Polyommatus (s.str. (Agrodiaetus (Admetusia))) alcestis (Zerny,1932) (Lycaenidae) Synonym(s): alcestis Zerny,1932; ahmadi Carbonell,2001; karacetinae Lukhtanov & Dantchenko,2002. Range (in codes): IL He Pa Cc AM GG IQ IR Zj LB TR SY Bld Distribution in Turkey (in codes): 01 04 06 13 14 21 23 24 25 26 30 32 33 36 38 42 44 46 50 51 58 62 65 66 73
- Polyommatus (s.str. (Agrodiaetus (Admetusia))) alcestis alcestis (Zerny,1932) (Lycaenidae) Synonym(s): alcestis Zerny,1932; ahmadi Carbonell,2001; karacetinae Lukhtanov & Dantchenko,2002. Range (in codes): IL Pa LB SY Bld
- **295.** Polyommatus (s.str. (Agrodiaetus (Admetusia))) aroaniensis (Brown,1976) (Lycaenidae) Synonym(s): aroaniensis Brown,1976 Range (in codes): GR Chl MK BG TR Distribution in Turkey (in codes): 39
- Polyommatus (s.str. (Agrodiaetus (Admetusia))) aroaniensis aroaniensis (Brown,1976) (Lycaenidae) Synonym(s): aroaniensis Brown,1976 Range (in codes): GR Chl MK BG TR Distribution in Turkey (in codes): 39
- 296. Polyommatus (s.str. (Agrodiaetus (Admetusia))) dantchenkoi (Lukhtanov, Wiemers & Meusemann,2003) (Lycaenidae) Synonym(s): dantchenkoi Lukhtanov, Wiemers & Meusemann,2003 Range (in codes): BG TR Distribution in Turkey (in codes): 65
- Polyommatus (s.str. (Agrodiaetus (Admetusia))) dantchenkoi dantchenkoi (Lukhtanov, Wiemers & Meusemann,2003) (Lycaenidae) Synonym(s): dantchenkoi Lukhtanov, Wiemers & Meusemann,2003 Range (in codes): TR Distribution in Turkey (in codes): 65
- 297. Polyommatus (s.str. (Agrodiaetus (Admetusia))) demavendi (Pfeiffer,1938) (Lycaenidae) Synonym(s): demavendi Pfeiffer,1938; #demaventi de Lesse,1960 Range (in codes): IR Lo Kd Mz Kh TR Cc AM Distribution in Turkey (in codes): 04 05 06 13 18 23 24 25 36 38 50 58 60 62 65 66 71 73 76
- Polyommatus (s.str. (Agrodiaetus (Admetusia))) demavendi amasyensis (De Lesse,1961) (Lycaenidae) Synonym(s): *amasyensis De Lesse,1961* Range (in codes): TR Cc Distribution in Turkey (in codes): 04 05 06 13 18 23 24 25 36 38 50 58 60 62 65 66 71 73 76
- **298.** Polyommatus (s.str. (Agrodiaetus (Admetusia))) eriwanensis (Forster,1960) (Lycaenidae) Synonym(s): *eriwanensis Forster,1960* Range (in codes): Cc GG AM Eri Cc TR Arr IR Ab Slm Distribution in Turkey (in codes): 08 24 25 36 58 62 65 69 75 76
- Polyommatus (s.str. (Agrodiaetus (Admetusia))) eriwanensis eriwanensis (Forster,1960) (Lycaenidae) Synonym(s): eriwanensis Forster,1960 Range (in codes): GG AM Eri Cc TR Arr IR Ab Slm Distribution in Turkey (in codes): 08 25 36 65 69 75 76
- Polyommatus (s.str. (Agrodiaetus (Admetusia))) eriwanensis interjectus (De Lesse,1960) (Lycaenidae) Synonym(s): interjectus De Lesse,1960 Range (in codes): TR Distribution in Turkey (in codes): 24 25 58 62
- **299. Polyommatus (s.str. (Agrodiaetus (Admetusia))) ripartii (Freyer,[1830])** (Lycaenidae) Synonym(s): *ripartii Freyer,[1830].* Range (in codes): At Bn Ba BG BY ES FR GR IT KG KK RU Sm Sr TM **TR** UA Uk YU Sau Tar TrA DsA Tls Ax Syr Tm T-S CN Ui Cc Distribution in Turkey (in codes): 01 03 05 06 07 08 13 14 16 18 23 24 25 26 29 30 32 33 34 36 38 40 42 44 46 50 51 58 60 62 65 66 69 70 74 76 78
- **Polyommatus** (s.str. (Agrodiaetus (Admetusia))) ripartii paralcestis (Forster,1960) (Lycaenidae) Synonym(s): paralcestis Forster,1960 Range (in codes): TR Cc Distribution in Turkey (in codes): 01 03 05 06 07 08 13 14 16 18 23 24 25 26 29 30 32 33 34 36 38 40 42 44 46 50 51 58 60 62 65 66 69 70 74 76 78

- Polyommatus (s.str. (Agrodiaetus (Antidolus))) Koçak & Kemal,2001 (Lycaenidae) Synonym(s): *Antidolus Koçak & Kemal,2001*
- **300.** Polyommatus (s.str. (Agrodiaetus (Antidolus))) antidolus (Rebel,1901) (Lycaenidae) Synonym(s): *antidolus Rebel,1901* Range (in codes): **TR** Cc IR Ab Elb Mz Distribution in Turkey (in codes): **04** 12 13 25 30 62 65 76
- Polyommatus (s.str. (Agrodiaetus (Antidolus))) antidolus antidolus (Rebel,1901) (Lycaenidae) Synonym(s): antidolus Rebel,1901 Range (in codes): TR Cc Distribution in Turkey (in codes): 04 12 13 25 30 65 76
- Polyommatus (s.str. (Agrodiaetus (Antidolus))) antidolus pertekensis (Carbonell,2003) (Lycaenidae) Synonym(s): pertekensis Carbonell,2003 Range (in codes): TR Distribution in Turkey (in codes): 62
- 301. Polyommatus (s.str. (Agrodiaetus (Antidolus))) kurdistanicus (Forster,1961) (Lycaenidae) Synonym(s): kurdistanicus Forster,1961 TR Distribution in Turkey (in codes): 13 30 65
  Polyommatus (s.str. (Agrodiaetus (Antidolus))) kurdistanicus kurdistanicus (Forster,1961) (Lycaenidae) Synonym(s): kurdistanicus Forster,1961 Range (in codes): TR Distribution in Turkey (in codes): 13 30 65
- **302.** Polyommatus (s.str. (Agrodiaetus (Antidolus))) menalcas (Freyer,[1837]) (Lycaenidae) Synonym(s): menalcas Freyer,[1837]; epidolus Boisduval,1840; #amasina Neuburger,1900. Range (in codes): TR Distribution in Turkey (in codes): 01 03 04 05 06 07 10 11 13 15 16 20 23 24 25 26 29 32 33 34 38 40 42 43 44 46 48 50 51 55 58 60 62 65 66 68 69 70 71 74 78
- Polyommatus (s.str. (Agrodiaetus (Antidolus))) menalcas menalcas (Freyer,[1837]) (Lycaenidae) Synonym(s): menalcas Freyer,[1837]; epidolus Boisduval,1840; #amasina Neuburger,1900. Range (in codes): TR Distribution in Turkey (in codes): 01 03 04 05 06 07 10 11 13 15 16 20 23 24 25 26 29 32 33 34 38 40 42 43 44 46 48 50 51 55 58 60 62 65 66 68 69 70 71 74 78
- **303.** Polyommatus (s.str. (Agrodiaetus (Antidolus))) mithridates (Staudinger,1878) (Lycaenidae) Synonym(s): *mithridates Staudinger,1878* Range (in codes): TR Cc IQ Distribution in Turkey (in codes): 02 05 06 07 08 13 19 21 23 24 25 29 32 38 40 42 44 46 50 51 58 62 65 66 68 70 71 73
- Polyommatus (s.str. (Agrodiaetus (Antidolus))) mithridates mithridates (Staudinger,1878) (Lycaenidae) Synonym(s): mithridates Staudinger,1878 Range (in codes): TR Cc Distribution in Turkey (in codes): 02 05 06 07 08 13 19 21 23 24 25 29 32 38 40 42 44 46 50 51 58 62 65 66 68 70 71 73
- Polyommatus (s.str. (Agrodiaetus (Antidolus))) mithridates saetosus (Pfeiffer,1932) (Lycaenidae) Synonym(s): saetosus Pfeiffer,1932; #kovachi Wiltshire,1957. Range (in codes): TR IQ Distribution in Turkey (in codes): 33
- Polyommatus (s.str. (Agrodiaetus (Damaia))) Koçak & Kemal,2001 (Lycaenidae) Synonym(s): Damaia Koçak & Kemal,2001.
- **304.** Polyommatus (s.str. (Agrodiaetus (Damaia))) dama (Staudinger,[1892]) (Lycaenidae) Synonym(s): dama Staudinger,[1892] Range (in codes): IR TR Distribution in Turkey (in codes): 01 02 44 46 47
- Polyommatus (s.str. (Agrodiaetus (Damaia))) dama dama (Staudinger,[1892]) (Lycaenidae) Synonym(s): dama Staudinger,[1892] Range (in codes): TR Distribution in Turkey (in codes): 01 02 44 46 47
- **305.** Polyommatus (s.str. (Agrodiaetus (Damaia))) deebi (T.Larsen,1974) (Lycaenidae) Synonym(s): deebi T.Larsen,1974 Range (in codes): LB SY
- Polyommatus (s.str. (Agrodiaetus (Damaia))) deebi deebi (T.Larsen,1974) (Lycaenidae) Synonym(s): deebi T.Larsen,1974 Range (in codes): LB SY
- **306.** Polyommatus (s.str. (Agrodiaetus (Damaia))) hopfferi (Gerhard,[1851]) (Lycaenidae) Synonym(s): #hopferi Herrich-Schäffer,[August,1851] (uninominal); hopfferi Gerhard,[November,1851]; hopfferi Herrich-Schaffer,31.December,1851]); hadjina Heyne,[1895]; malatiae Forster,1961. Range (in codes): **TR** Cc Distribution in Turkey (in codes): 01 02 03 05 06 07 08 16 21 23 24 25 30 32 42 44 46 50 51 58 60 62 65 70 71 73
- Polyommatus (s.str. (Agrodiaetus (Damaia))) hopfferi hopfferi (Gerhard,[1851]) (Lycaenidae) Synonym(s): #hopferi Herrich-Schäffer,[August,1851] (uninominal); hopfferi Gerhard,[November,1851]; hopfferi Herrich-Schaffer,31.December,1851]); hadjina Heyne,[1895]; malatiae Forster,1961. Range (in codes): TR Cc Distribution in Turkey (in codes): 01 02 03 05 06 08 16 21 23 24 25 30 32 42 44 46 50 51 58 60 62 65 70 71 73

- **307.** Polyommatus (s.str. (Agrodiaetus (Damaia))) larseni (Carbonell,1994) (Lycaenidae) Synonym(s): larseni Carbonell,1994 Range (in codes): LB SY
- Polyommatus (s.str. (Agrodiaetus (Damaia))) larseni larseni (Carbonell,1994) (Lycaenidae) Synonym(s): larseni Carbonell,1994 Range (in codes): LB SY
- **308.** Polyommatus (s.str. (Agrodiaetus (Damaia))) lycius (Carbonell,1996) (Lycaenidae) Synonym(s): *lycius Carbonell,1996* Range (in codes): **TR** Distribution in Turkey (in codes): 07
- Polyommatus (s.str. (Agrodiaetus (Damaia))) lycius lycius (Carbonell,1996) (Lycaenidae) Synonym(s): lycius Carbonell,1996 Range (in codes): TR Distribution in Turkey (in codes): 07 32
- **309.** Polyommatus (s.str. (Agrodiaetus (Damaia))) poseidon (Herrich-Schäffer,[1851]) (Lycaenidae) Synonym(s): poseidon Herrich-Schäffer,[1851]; mesopotamica Staudinger,1892. Range (in codes): TR Cc Distribution in Turkey (in codes): 01 03 04 05 06 08 23 24 25 29 33 38 42 43 44 46 50 51 58 60 62 64 66 69 70 71 76 80
- Polyommatus (s.str. (Agrodiaetus (Damaia))) poseidon poseidon (Herrich-Schäffer,[1851]) (Lycaenidae) Synonym(s): poseidon Herrich-Schäffer,[1851]; mesopotamica Staudinger,1892. Range (in codes): TR Cc Distribution in Turkey (in codes): 01 03 04 05 06 08 23 24 25 29 33 38 42 43 44 46 50 51 58 60 62 64 66 69 70 71 76 80
- 310. Polyommatus (s.str. (Agrodiaetus (Damaia))) theresiae Schurian et al.,1992 (Lycaenidae) Synonym(s): theresiae Schurian et al.,1992 Range (in codes): TR Distribution in Turkey (in codes): 01 27 42 46
- Polyommatus (s.str. (Agrodiaetus (Damaia))) theresiae theresiae Schurian et al.,1992 (Lycaenidae) Synonym(s): theresiae Schurian et al.,1992 (Range (in codes): TR Distribution in Turkey (in codes): 01 27 42 46
- Polyommatus (s.str. (Agrodiaetus (Musa))) Koçak & Kemal,2001 (Lycaenidae) Synonym(s): Musa Koçak & Kemal,2001
- 311. Polyommatus (s.str. (Agrodiaetus (Musa))) erzindjanensis (Carbonell,2002) (Lycaenidae) Synonym(s): erzindjanensis Carbonell,[2003] Range (in codes): TR Distribution in Turkey (in codes): 24
- 312. Polyommatus (s.str. (Agrodiaetus (Musa))) maraschi (Forster,1956) (Lycaenidae) Synonym(s): maraschi Forster,1956 Range (in codes): TR Distribution in Turkey (in codes): 38 46 58

  Polyommatus (s.str. (Agrodiaetus (Musa))) maraschi maraschi (Forster,1956) (Lycaenidae) Synonym(s): maraschi Forster,1956 Range (in codes): TR Distribution in Turkey (in codes): 38 46
- **313.** Polyommatus (s.str. (Agrodiaetus (Musa))) wagneri (Forster,1956) (Lycaenidae) Synonym(s): wagneri Forster,1956 Range (in codes): TR Cc IQ IR Distribution in Turkey (in codes): 01 03 04 06 07 08 13 23 24 25 29 30 32 33 36 38 42 46 50 51 58 60 62 65 66 69 70 76
- Polyommatus (s.str. (Agrodiaetus (Musa))) wagneri iphiactis (Lukhtanov & Dantchenko,2003) (Lycaenidae) Synonym(s): iphiactis Lukhtanov & Dantchenko,2003 Range (in codes): TR
- **Polyommatus (s.str. (Agrodiaetus (Musa))) wagneri wagneri (Forster,1956)** (Lycaenidae) Synonym(s): *wagneri Forster,1956* Range (in codes): **TR** Cc **IQ** IR Distribution in Turkey (in codes): 01 03 04 06 07 08 13 23 25 29 30 32 33 36 38 42 46 50 51 58 60 62 65 66 69 70 76
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) Koçak & Kemal,2001 (Lycaenidae) Synonym(s): *Phyllisia Koçak & Kemal,2001*
- 314. Polyommatus (s.str. (Agrodiaetus (Phyllisia))) baytopi (De Lesse,1959) (Lycaenidae) Synonym(s): baytopi De Lesse,1959 Range (in codes): TR Cc IR Ak Ab Distribution in Turkey (in codes): 04 13 30 65 76
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) baytopi baytopi (De Lesse,1959) (Lycaenidae) Synonym(s): baytopi De Lesse,1959 Range (in codes): TR Cc IR Ak Ab Distribution in Turkey (in codes): 04 76

- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) baytopi ilkkursun Koçak & Kemal,2001 (Lycaenidae) Synonym(s): ilkkursun Koçak & Kemal,2001 Range (in codes): TR Distribution in Turkey (in codes): 13 30 65
- 315. Polyommatus (s.str. (Agrodiaetus (Phyllisia))) igisizilim Koçak & Kemal,2001 (Lycaenidae) Synonym(s): igisizilim Koçak & Kemal,2001 Range (in codes): TR Distribution in Turkey (in codes): 65
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) igisizilim igisizilim Koçak & Kemal,2001 (Lycaenidae) Synonym(s): igisizilim Koçak & Kemal,2001 Range (in codes): TR Distribution in Turkey (in codes): 65
- **316.** Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphicarmon Eckweiler & Rose,1993 (Lycaenidae) Synonym(s): iphicarmon Eckweiler & Rose,1993 Range (in codes): TR Distribution in Turkey (in codes): 32
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphicarmon iphicarmon Eckweiler & Rose,1993 (Lycaenidae) Synonym(s): *iphicarmon Eckweiler & Rose,1993* Range (in codes): TR Distribution in Turkey (in codes): 32
- **317.** Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphigenia (Herrich-Schäffer,[1847]) (Lycaenidae) Synonym(s): *iphigenia Herrich-Schäffer,[1847]* Range (in codes): GR TR AM Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 13 14 16 24 25 29 30 32 33 36 37 38 42 46 48 51 53 58 60 62 65 66 69 70 76 78
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphigenia araratensis (De Lesse,1957) (Lycaenidae) Synonym(s): araratensis De Lesse,1957 Range (in codes): TR AM Cc 04
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphigenia barthae (Pfeiffer,1932) (Lycaenidae) Synonym(s): barthae Pfeiffer,1932; #zuleikae Pfeiffer,1932. Range (in codes): TR 46
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphigenia iphigenia (Herrich-Schäffer,[1847]) (Lycaenidae) Synonym(s): *iphigenia Herrich-Schäffer,[1847]* Range (in codes): **TR** Cc 01 03 05 06 07 08 13 14 16 24 25 29 30 32 33 36 37 38 42 48 51 53 58 60 62 65 66 69 70 76 78
- **318.** Polyommatus (s.str. (Agrodiaetus (Phyllisia))) phyllis (Christoph,1877) (Lycaenidae) Synonym(s): *phyllis Christoph,1877* Range (in codes): Cc RU Da AM AZ IR Elb Shh Nv **TR IQ** GG Distribution in Turkey (in codes): 38 46 51 58
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) phyllis zeitunus (Forster,1960) (Lycaenidae) Synonym(s): *zeituna Forster,1960* Range (in codes): **TR** Distribution in Turkey (in codes): 38 46 51 58
- **319.** Polyommatus (s.str. (Agrodiaetus (Phyllisia))) tankeri (De Lesse,1960) (Lycaenidae) Synonym(s): tankeri De Lesse,1960 Range (in codes): TR Cc Distribution in Turkey (in codes): 04 25 36 69 76
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) tankeri tankeri (De Lesse,1960) (Lycaenidae) Synonym(s): tankeri De Lesse,1960 Range (in codes): TR Cc Distribution in Turkey (in codes): 04 25 36 69 76
- **320.** Polyommatus (s.str. (Agrodiaetus (Phyllisia))) vanensis (De Lesse,1957) (Lycaenidae) Synonym(s): *vanensis De Lesse*,1957 Range (in codes): TR IQ Er Ry Cc AM IR Ak Ab GG Distribution in Turkey (in codes): 04 08 13 24 25 30 36 46 62 65 69 76
- Polyommatus (s.str. (Agrodiaetus (Phyllisia))) vanensis vanensis (De Lesse,1957) (Lycaenidae) Synonym(s): *vanensis De Lesse,1957* Range (in codes): TR IQ Er Ry Cc AM IR Ak Ab GG Distribution in Turkey (in codes): 04 08 13 24 25 30 36 46 62 65 69 76
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) Koçak & Kemal,2001 (Lycaenidae) Synonym(s): Transcaspius Koçak & Kemal,2001
- **321.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) altivagans (Forster,1956) (Lycaenidae) Synonym(s): altivagans Forster,1956 Range (in codes): IR Nv TR RU Da Cc AZ AM Alg Distribution in Turkey (in codes): 04 08 24 29 36 76
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) altivagans altivagans (Forster,1956) (Lycaenidae) Synonym(s): altivagans Forster,1956 Range (in codes): IR Nv TR RU Da Cc AZ AM Alg Distribution in Turkey (in codes): 04 08 24 29 36 76

- **322.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) anticarmon (Koçak,1983) (Lycaenidae) Synonym(s): anticarmon Koçak,1983; charmieuxi Pagés,1994 Range (in codes): TR Distribution in Turkey (in codes): 13 25 30 65
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) anticarmon anticarmon (Koçak,1983) (Lycaenidae) Synonym(s): anticarmon Koçak,1983; charmieuxi Pagés,1994 Range (in codes): TR Distribution in Turkey (in codes): 13 25 30 65
- **323.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) aserbeidschanus (Forster,1956) (Lycaenidae) Synonym(s): aserbeidschana Forster,1956 Range (in codes): Cc AZ AM Da GG Nv TR IR Distribution in Turkey (in codes): 08 25 29 36 69
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) aserbeidschanus aserbeidschanus (Forster,1956) (Lycaenidae) Synonym(s): aserbeidschana Forster,1956 Range (in codes): Cc AZ AM Da GG Nv TR IR Distribution in Turkey (in codes): 08 25 29 36 69
- 324. Polyommatus (s.str. (Agrodiaetus (Transcaspius))) caeruleus (Staudinger,1871) (Lycaenidae) Synonym(s): caeruleus Staudinger,1871 Range (in codes): IR Cc TR Gor Mz Elb Distribution in Turkey (in codes): 05 76
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) caeruleus caeruleus (Staudinger,1871) (Lycaenidae) Synonym(s): caeruleus Staudinger,1871 Range (in codes): IR Cc TR Gor Elb Distribution in Turkey (in codes): 05 76
- 325. Polyommatus (s.str. (Agrodiaetus (Transcaspius))) eurypilos (Gerhard,[1851]) (Lycaenidae) Synonym(s): eurypilos Gerhard,[1851]; carmon Herrich-Schäffer,[1851 December]; munzuricus Rose,1978 Range (in codes): TR Cc Distribution in Turkey (in codes): 01 02 03 05 06 08 15 20 24 25 27 29 33 36 38 42 46 48 50 51 58 60 62 66 69
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) eurypilos eurypilos (Gerhard,[1851]) (Lycaenidae) Synonym(s): eurypilos Gerhard,[1851]; carmon Herrich-Schäffer,[1851 December]; munzuricus Rose,1978 Range (in codes): TR Cc Distribution in Turkey (in codes): 01 02 03 05 06 08 15 20 24 25 27 29 33 36 38 42 46 48 50 51 58 60 62 66 69
- **326.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) guezelmavi Olivier et al.,1999 (Lycaenidae) Synonym(s): guezelmavi Olivier et al.,1999 Range (in codes): TR Distribution in Turkey (in codes): 42
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) guezelmavi guezelmavi Olivier et al.,1999 (Lycaenidae) Synonym(s): guezelmavi Olivier et al.,1999 Range (in codes): TR Distribution in Turkey (in codes): 42
- **327.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) huberti (Carbonell,1993) (Lycaenidae) Synonym(s): *huberti Carbonell,1993* Range (in codes): **TR** AM Cc Distribution in Turkey (in codes): 04 08 13 24 25 29 30 36 65 69 76
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) huberti huberti (Carbonell,1993) (Lycaenidae) Synonym(s): huberti Carbonell,1993 Range (in codes): TR AM Cc Distribution in Turkey (in codes): 04 08 13 24 25 29 30 36 65 69 76
- **328.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) ninae (Forster,1956) (Lycaenidae) Synonym(s): *ninae Forster,1956* Range (in codes): Cc AM Alg **TR** IR Ak Ab Distribution in Turkey (in codes): 04 08 13 24 25 29 30 36 65 69 76
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) ninae ninae (Forster,1956) (Lycaenidae) Synonym(s): ninae Forster,1956 Range (in codes): Cc AM TR IR Ak Ab Distribution in Turkey (in codes): 04 08 13 24 25 29 30 36 65 69 76
- 329. Polyommatus (s.str. (Agrodiaetus (Transcaspius))) pierceae (Lukhtanov & Dantchenko,2002) (Lycaenidae) Synonym(s): pierceae Lukhtanov & Dantchenko,2002; #rierceae Lukhtanov & Dantchenko,2002 Range (in codes): TR Distribution in Turkey (in codes): 65
- 330. Polyommatus (s.str. (Agrodiaetus (Transcaspius))) schuriani (Rose,1978) (Lycaenidae) Synonym(s): #schuriani Rose,1978 [conditionally proposed]; kunchuy Koçak,1999 Range (in codes): TR Distribution in Turkey (in codes): 01 06 07 50 66 70
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) schuriani attalaensis Carbonell, Borie & De Prins,2004 (Lycaenidae) Synonym(s): attalaensis Carbonell, Borie & De Prins,2004 Range (in codes): TR Distribution in Turkey (in codes): 07

- **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) schuriani schuriani (Rose,1978)** (Lycaenidae) Synonym(s): #schuriani Rose,1978 [conditionally proposed]; kunchuy Koçak,1999 Range (in codes): **TR** Distribution in Turkey (in codes): 01 06 07 50 66 70
- 331. Polyommatus (s.str. (Agrodiaetus (Transcaspius))) surakovi Dantchenko & Lukhtanov,1994 (Lycaenidae) Synonym(s): surakovi Dantchenko & Lukhtanov,1994; sekercioglui Dantchenko & Lukhtanov,2002 Range (in codes): AM Nv AZ Cc TR Distribution in Turkey (in codes): 13 65 76
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) surakovi surakovi Dantchenko & Lukhtanov,1994 (Lycaenidae) Synonym(s): surakovi Dantchenko & Lukhtanov,1994; sekercioglui Dantchenko & Lukhtanov,2002 Range (in codes): TR AZ Nv Cc AM Distribution in Turkey (in codes): 13 65 76
- **332.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) transcaspicus (Heyne,[1895]) (Lycaenidae) Synonym(s): transcaspicus Heyne,[1895]; transcaspicus Staudinger,1899. Range (in codes): TR IR Kh TM Kp Distribution in Turkey (in codes): 29
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) transcaspicus firuze (Carbonell,1993) (Lycaenidae) Synonym(s): firuze Carbonell,1993 Range (in codes): TR Distribution in Turkey (in codes): 29
- **333.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) turcicola (Koçak,1977) (Lycaenidae) Synonym(s): turcicola Koçak,1977; #turcicolus Kandul et al.,2004 Range (in codes): TR Distribution in Turkey (in codes): 65
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) turcicola turcicola (Koçak,1977) (Lycaenidae) Synonym(s): turcicola Koçak,1977; #turcicolus Kandul et al.,2004 Range (in codes): TR Distribution in Turkey (in codes): 65
- **334.** Polyommatus (s.str. (Agrodiaetus (Transcaspius))) turcicus (Koçak,1977) (Lycaenidae) Synonym(s): turcicus Koçak,1977 Range (in codes): TR Cc GG AM IR Distribution in Turkey (in codes): 04 08 13 24 25 29 30 36 62 65 69 76
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) turcicus turcicus (Koçak,1977) (Lycaenidae) Synonym(s): *turcicus Koçak,1977* Range (in codes): TR Cc GG AM IR Distribution in Turkey (in codes): 04 08 13 24 25 29 30 36 62 65 69 76
- 335. Polyommatus (s.str. (Agrodiaetus (Transcaspius))) zapvadi (Carbonell,1993) (Lycaenidae) Synonym(s): zapvadi Carbonell,1993 Range (in codes): TR IQ Distribution in Turkey (in codes): 13 30 65
- Polyommatus (s.str. (Agrodiaetus (Transcaspius))) zapvadi zapvadi (Carbonell,1993) (Lycaenidae) Synonym(s): zapvadi Carbonell,1993 Range (in codes): TR IQ Distribution in Turkey (in codes): 13 30 65
- Polyommatus (s.str. (Agrodiaetus (Xerxesia))) Koçak & Kemal,2001 (Lycaenidae) Synonym(s): *Xerxesia Koçak & Kemal,2001*
- **336.** Polyommatus (s.str. (Agrodiaetus (Xerxesia))) cyaneus (Staudinger,1899) (Lycaenidae) Synonym(s): *cyaneus Staudinger,1899; pseudocyaneus Forster,1956.* Range (in codes): IR AM AZ Hkd GG Cc TR Ke Ab Ak Ha Distribution in Turkey (in codes): 25 36 65 76
- Polyommatus (s.str. (Agrodiaetus (Xerxesia))) cyaneus cyaneus (Staudinger,1899) (Lycaenidae) Synonym(s): cyaneus Staudinger,1899; pseudocyaneus Forster,1956. Range (in codes): AM AZ Hkd GG Cc TR IR Ak Ab Distribution in Turkey (in codes): 25 36 65 76
- **337.** Polyommatus (s.str. (Agrodiaetus (Xerxesia))) merhaba De Prins,1991 (Lycaenidae) Synonym(s): merhaba De Prins,1991 Range (in codes): TR Cc Distribution in Turkey (in codes): 08 25
- Polyommatus (s.str. (Agrodiaetus (Xerxesia))) merhaba merhaba De Prins,1991 (Lycaenidae) Synonym(s): merhaba De Prins,1991 Range (in codes): TR Cc Distribution in Turkey (in codes): 08
- **338.** Polyommatus (s.str. (Agrodiaetus (s.str.))) damocles (Herrich-Schäffer,[1844]) (Lycaenidae) Synonym(s): damocles Herrich-Schäffer,[1844] Range (in codes): RU Ur Sr Ul So UA Cm TR Cc Distribution in Turkey (in codes): 08 25

- Polyommatus (s.str. (Agrodiaetus (s.str.))) damocles tortumensis (Carbonell,2003) (Lycaenidae) Synonym(s): tortumensis Carbonell,2003 Range (in codes): TR Cc Distribution in Turkey (in codes): 08 25
- 339. Polyommatus (s.str. (Agrodiaetus (s.str.))) damon ([Denis & Schiffermüller],1775) (Lycaenidae) Synonym(s): damon [Denis & Schiffermüller],1775 Range (in codes): AL Bn At Kts AT Ba BG BY CH CN CZ DE EE ES FR Cc GG GR IT KG KK Kr LV MN PL RU Kis SK Sm So Sr TR T-S UA Ui Ur Vl YU LAT Wn Kuz Sli Sau Tar TrA DsA KuA T-S Distribution in Turkey (in codes): 04 08 24 25 29 36 69 75 76
- Polyommatus (s.str. (Agrodiaetus (s.str.))) damon kotshubeji (Sovinsky,[1916]) (Lycaenidae) Synonym(s): kotshubeji Sovinsky,[1916] Range (in codes): Cc TR Distribution in Turkey (in codes): 04 08 24 25 29 36 69 75 76
- 340. Polyommatus (s.str. (Agrodiaetus (s.str.))) kanduli (Dantchenko & Lukhtanov,2002) (Lycaenidae) Synonym(s): kanduli Dantchenko & Lukhtanov,2002 Range (in codes): TR Distribution in Turkey (in codes): 13 24 65
- Polyommatus (s.str. (Agrodiaetus (s.str.))) kanduli kanduli (Dantchenko & Lukhtanov,2002) (Lycaenidae) Synonym(s): kanduli Dantchenko & Lukhtanov,2002 Range (in codes): TR Distribution in Turkey (in codes): 24
- Polyommatus (s.str. (Agrodiaetus (s.str.))) kanduli urartua (Carbonell,2003) (Lycaenidae) Synonym(s): *urartua Carbonell,2003* Range (in codes): TR Distribution in Turkey (in codes): 13 65
- 341. Polyommatus (s.str. (Agrodiaetus (s.str.))) putnami (Dantchenko & Lukhtanov,2002) (Lycaenidae) Synonym(s): putnami Dantchenko & Lukhtanov,2002 Range (in codes): TR Distribution in Turkey (in codes): 04 25
- **342.** Polyommatus (s.str. (Agrodiaetus) cilicinus (Charmieux,2008) (Lycaenidae) Synonym(s): *cilicinus Charmieux,2008* Range (in codes): **TR** Distribution in Turkey (in codes): 33 70
- **Polyommatus (s.str. (Cyaniris)) Dalman,1816** (Lycaenidae) Synonym(s): *Cyaniris Dalman,1816*; *Nomiades Hübner,[1819].*
- 343. Polyommatus (s.str. (Cyaniris)) antiochenus (Lederer,1861) (Lycaenidae) Synonym(s): antiochena Lederer,1861 Range (in codes): He IL Pa LB SY TR Distribution in Turkey (in codes): 01 13 21 27 31 33 46 56 65 73 80
- Polyommatus (s.str. (Cyaniris)) antiochenus antiochenus (Lederer,1861) (Lycaenidae) Synonym(s): antiochena Lederer,1861 Range (in codes): He IL Pa LB SY TR Distribution in Turkey (in codes): 01 27 31 33 46 80
- Polyommatus (s.str. (Cyaniris)) antiochenus nurmuhemmet Kemal & Koçak,2005 (Lycaenidae) Synonym(s): nurmuhemmet Kemal & Koçak,2005 Range (in codes): TR Distribution in Turkey (in codes): 13 21 56 65 73
- **344. Polyommatus (s.str. (Cyaniris)) bellis (Freyer,[1842])** (Lycaenidae) Synonym(s): *bellis Freyer,[1842]* Range (in codes): AM GG Cc IR Ab Ak Elb Th Gor Se **TR SY LB IQ** He **IL** Pa Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 12 13 14 16 17 18 19 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42 44 46 49 50 51 52 53 56 58 59 60 61 62 65 66 69 70 71 74 75 76 80
- **Polyommatus (s.str. (Cyaniris)) bellis bellis (Freyer,[1842])** (Lycaenidae) Synonym(s): bellis Freyer,[1842] Range (in codes): **TR** Distribution in Turkey (in codes): 16 34 39
- Polyommatus (s.str. (Cyaniris)) bellis intermedius (Tutt,[1909]) (Lycaenidae) Synonym(s): intermedia Tutt,[1909] Range (in codes): TR GG AM Cc Distribution in Turkey (in codes): 05 06
- Polyommatus (s.str. (Cyaniris)) bellis mesopotamicus (Tutt,[1909]) (Lycaenidae) Synonym(s): mesopotamica Tutt,[1909] Range (in codes): TR Distribution in Turkey (in codes): 44
- **Polyommatus (s.str. (Cyaniris)) bellis ssp.** (Lycaenidae) Range (in codes): **TR** Distribution in Turkey (in codes): 65
- 345. Polyommatus (s.str. (Cyaniris)) semiargus (Rottemburg,1775) (Lycaenidae) Synonym(s): semiargus Rottemburg,1775; acis Denis & Schiffermüller,1775 nec Dry.,1773; byzas Bergsträβer,[1779]; byze Bergsträβer,[1779]; argopoeus Bergsträβer,[1779]; byzenus Bergsträβer,[1779]; argopoei Bergsträβer,[1779]; cimon Lewin,1795; argianus Dalman,1816. Range (in codes): AL At Bn Kts AT Ba BE BG TR B-H CH CN Ui CZ DE DK EE ES FI FR GB GR HU HV Ii IT KK KG LT LU LV MA MK NL NO PL PT RO RU SE Si SK Sm So Sr SS UA Ur UZ VI YU Uk OR Bs Cb Kg Ty Sb Om To Pw Kw Fe Nmg Sp Mn Tk Aa Kuz No Sau Tar DsA TeA KuA TrA Ax AM GG AZ Bw T-S Cc Am Distribution in Turkey (in codes): 39

Polyommatus (s.str. (Lysandra)) Hemming,1933 (Lycaenidae) Synonym(s): Lysandra Hemming,1933

- 346. Polyommatus (s.str. (Lysandra)) bellargus (Rottemburg,1775) (Lycaenidae) Synonym(s): bellargus Rottemburg,1775; thetis Rottemburg,1775 nec Dru.,1773; adonis Denis & Schiffermüller,[1775]; salacia Bergsträβer,1779; venilia Bergsträβer,1779; hyacinthus Lewin,1795; urania Gerhard,[1851]; persemagna Verity,1937; arentissima Verity,1937; arens Verity,1937; arentior Verity,1937; antearentior Verity,1937; parabellargus Verity,1939; shakla Higgins,1958 Range (in codes): AL AM AT AZ Cc BG B-H BL BY CH CZ DE EE ES Mu Mu18 FR GB GG GR HU HV IQ Hjo IR LB IT LT LU LV MK PL PT RO RU Si SK Sm So Sr SS TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 11 12 13 14 15 16 18 19 20 21 23 24 25 26 27 28 29 30 32 33 34 36 37 38 39 41 42 43 44 46 49 50 51 52 53 55 58 60 61 62 65 66 68 69 70 71 72 73 74 75 76 78 80
- Polyommatus (s.str. (Lysandra)) bellargus bellargus (Rottemburg,1775) (Lycaenidae) Synonym(s): bellargus Rottemburg,1775; thetis Rottemburg,1775 nec Dru.,1773; adonis Denis & Schiffermüller,[1775]; salacia Bergsträßer,1779; venilia Bergsträßer,1779;; hyacinthus Lewin,1795; urania Gerhard,[1851]; persemagna Verity,1937; arentissima Verity,1937; arentior Verity,1937; antearentior Verity,1937; parabellargus Verity,1939; shakla Higgins,1958 Range (in codes): AL AM AT AZ BG B-H BL Bw BY CH CZ DE EE ES Mu Mu18 FR GB GG Cc GR HU HV IQ IR IT LT LU LV MK PL PT RO Rp RU Si SK Sm So Sr SS TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 11 12 13 14 15 16 18 19 20 21 23 24 25 26 27 28 29 30 32 33 34 36 37 38 39 41 42 43 44 46 49 50 51 52 53 55 58 60 61 62 65 66 68 69 70 71 72 73 74 75 76 78 80
- **347.** Polyommatus (s.str. (Lysandra)) coridon (Poda,1761) (Lycaenidae) Synonym(s): coridon Poda,1761; graeca Heyne,1895; torgniensis Haverkampf,1906; altica Neustetter,1909; alpiumpallida Verity,1926; jurae Verity,1926; insulana Verity,1926; galliae Verity,1926; narbonensis Verity,1926; fumosa Verity,1926; italagallica Verity,1926; diniae Verity,1926; minutepunctata Verity,1926; bieneri Stauder,1924; nicaeensis Dujardin,1944. Range (in codes): AL AT Ba BE BG Bw BY CH CZ DE EE ES FR GB GR HU IT LT LU NL PL RO RU Sa SK Sm So Sr TR UA Ur VI YU Distribution in Turkey (in codes): 34 39
- Polyommatus (s.str. (Lysandra)) coridon coridon (Poda,1761) (Lycaenidae) Synonym(s): coridon Poda,1761; graeca Heyne,1895; torgniensis Haverkampf,1906; altica Neustetter,1909; alpiumpallida Verity,1926; jurae Verity,1926; insulana Verity,1926; galliae Verity,1926; narbonensis Verity,1926; fumosa Verity,1926; italagallica Verity,1926; diniae Verity,1926; minutepunctata Verity,1926; bieneri Stauder,1924; nicaeensis Dujardin,1944. Range (in codes): FR IT CH AT DE BE GB SS B-H HV YU MK GR TR BG RO Distribution in Turkey (in codes): 34 39
- **348.** Polyommatus (s.str. (Lysandra)) corydonius (Herrich-Schäffer,[1852]) (Lycaenidae) Synonym(s): *corydonius Herrich-Schäffer,*[1852] Range (in codes): Cc AZ RU TR GG AM IR Ak Ab Distribution in Turkey (in codes): 04 08 12 13 23 24 25 29 36 49 62 65 69 73 75 76
- Polyommatus (s.str. (Lysandra)) corydonius caucasicus (Lederer,1870) (Lycaenidae) Synonym(s): caucasicus Lederer,1870; caeruleossmar Verity,1939; #sokolowskii Wojtusiak & Niesiolowski,1946. Range (in codes): TR Cc AM GG IR Ak Ab Distribution in Turkey (in codes): 04 08 12 13 23 24 25 29 36 49 62 65 69 73 75 76
- **349.** Polyommatus (s.str. (Lysandra)) dezinus Freina & Witt,1983 (Lycaenidae) Synonym(s): dezinus Freina & Witt,1983 Range (in codes): TR Distribution in Turkey (in codes): 30

Polyommatus (s.str. (Lysandra)) dezinus dezinus Freina & Witt,1983 (Lycaenidae) Synonym(s): dezinus Freina & Witt,1983 Range (in codes): TR Distribution in Turkey (in codes): 30

- **350.** Polyommatus (s.str. (Lysandra)) ossmar (Gerhard,[1851]) (Lycaenidae) Synonym(s): ossmar Gerhard,[1851] Range (in codes): TR Distribution in Turkey (in codes): 01 03 05 06 07 11 14 16 19 20 24 32 33 37 38 42 46 50 51 58 60 62 66 70 71
- Polyommatus (s.str. (Lysandra)) ossmar ankara (Schurian & Hoffmann,1983) (Lycaenidae) Synonym(s): ankara Schurian & Hoffmann,1983 Range (in codes): TR Distribution in Turkey (in codes): 06
- Polyommatus (s.str. (Lysandra)) ossmar olympicus Lederer,1852 (Lycaenidae) Synonym(s): *olympicus Lederer*,1852 Range (in codes): TR Distribution in Turkey (in codes): 14 16
- **Polyommatus (s.str. (Lysandra)) ossmar ossmar (Gerhard,[1851])** (Lycaenidae) Synonym(s): *ossmar Gerhard,[1851]* Range (in codes): **TR** Distribution in Turkey (in codes): 01 03 05 06 07 11 14 19 20 24 32 33 37 38 42 46 50 51 58 60 62 66 70 71
- **351. Polyommatus (s.str. (Lysandra)) syriacus (Tutt,1914)** (Lycaenidae) Synonym(s): *syriacus Tutt,1914* Range (in codes): **LB TR SY** Distribution in Turkey (in codes): **01** 31 33 46 51
- **Polyommatus (s.str. (Lysandra)) syriacus burak Koçak,1992** (Lycaenidae) Synonym(s): tauricus Schurian,1991 nec Heyn.,[1895] non Venzm.,1920; burak Koçak,1992. Range (in codes): **TR** Distribution in Turkey (in codes): 01 31 33 46 51
- Polyommatus (s.str. (Lysandra)) syriacus syriacus (Tutt,1914) (Lycaenidae) Synonym(s): syriacus Tutt,1914 Range (in codes): LB SY

Polyommatus (s.str. (Meleageria)) De Sagarra,1925 (Lycaenidae) Synonym(s): Meleageria De Sagarra,1925

352. Polyommatus (s.str. (Meleageria)) daphnis ([Denis & Schiffermüller],1775) (Lycaenidae) Synonym(s): daphnis [Denis & Schiffermüller],1775; endymion [Denis & Schiffermüller],1775 nec Fabricius,1775; meleager Esper,1778; dalmatina Wagner,1909. Range (in codes): Aq Sms AL Cc AM AT AZ Ba BG B-H BY CH CZ DE ES FR GG GR HU HV Zad IQ IR Lo Ha Elb Th Gor IT KG LB MK PL RO RU Si SK Sm So Sr SS SY TR UA VI YU LAT Wn Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 20 21 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 53 58 60 62 65 66 68 69 70 71 73 74 75 76 78

Polyommatus (s.str. (Meleageria)) daphnis daphnis ([Denis & Schiffermüller],1775) (Lycaenidae) Synonym(s): daphnis [Denis & Schiffermüller],1775; endymion [Denis & Schiffermüller],1775 nec Fabricius,1775; meleager Esper,1778; dalmatina Wagner,1909. Range (in codes): Sms AL AT Ba BG B-H Bw BY CH CZ DE FR GR HU HV Zad IT KG MK PL RO RU Si SK Sm So Sr SS TR UA Aq Vl YU LAT Wn Distribution in Turkey (in codes): 10 16 17 34 39

Polyommatus (s.str. (Meleageria)) daphnis elamitus (Le Cerf,1913) (Lycaenidae) Synonym(s): elamita Le Cerf,1913; vangoelensis Schurian & Häuser,1981. Range (in codes): IR Ha Lo TR IQ Distribution in Turkey (in codes): 13 30 65 73

Polyommatus (s.str. (Meleageria)) daphnis hayesi (T.Larsen,1974) (Lycaenidae) Synonym(s): hayesi T.Larsen,1974 Range (in codes): LB

Polyommatus (s.str. (Meleageria)) daphnis narsanus (Alberti,1973) (Lycaenidae) Synonym(s): narsana Alberti,1973 Range (in codes): RU Cc GG TR Distribution in Turkey (in codes): 75

Polyommatus (s.str. (Meleageria)) daphnis versicolor (Heyne,[1895]) (Lycaenidae) Synonym(s): versicolor Heyne,[1895]; ignorata Staudinger,1901; erciyasi Schurian & Häuser,1981; palandoekis Schurian & Häuser,1981; dugijani Schurian & Häuser,1981. Range (in codes): Cc AM AZ GG TR IR Distribution in Turkey (in codes): 01 03 04 05 06 07 08 11 12 14 15 18 20 21 23 24 25 26 29 31 32 33 35 36 38 40 42 43 44 46 48 49 50 51 53 58 60 62 66 68 69 70 71 74 76 78

**Polyommatus (s.str. (Neolysandra)) Koçak,1977** (Lycaenidae) Synonym(s): *Neolysandra Koçak,1977* 

**353. Polyommatus (s.str. (Neolysandra)) coelestinus (Eversmann,1843)** (Lycaenidae) Synonym(s): *coelestinus Eversmann,1843* Range (in codes): Cc AM Ba GR **IQ** IR Ak Ab Elb Mz KG RU Sr **TR** Uk Vl Aq Distribution in Turkey (in codes): 01 04 05 06 07 08 12 13 23 24 25 28 29 30 36 38 42 44 46 49 52 58 62 65 69 70 73 75 76

Polyommatus (s.str. (Neolysandra)) coelestinus alticola (Christoph,1893) (Lycaenidae) Synonym(s): alticola Christoph,1893; alexander Higgins,1981 Range (in codes): Cc AM TR IQ IR Ak Ab Distribution in Turkey (in codes): 04 08 13 23 24 25 29 30 36 44 49 62 65 69 73 76

Polyommatus (s.str. (Neolysandra)) coelestinus ponticus (Courvoisier,1911) (Lycaenidae) Synonym(s): ponticus Courvoisier,1911 Range (in codes): TR Distribution in Turkey (in codes): 01 05 06 07 12 28 38 42 52 58

**Polyommatus (s.str. (Neolysandra)) coelestinus ssp.** (Lycaenidae) - **TR** Distribution in Turkey (in codes): 65

**Polyommatus (s.str. (Neolysandra)) coelestinus ssp.n.** (Lycaenidae) - TR Distribution in Turkey (in codes): 46

**354. Polyommatus (s.str. (Neolysandra)) diana (Miller,[1913])** (Lycaenidae) Synonym(s): diana Miller,[1913] Range (in codes): **TR** Cc IR Ab Distribution in Turkey (in codes): 04 13 25 29 36 69 76

Polyommatus (s.str. (Neolysandra)) diana diana (Miller,[1913]) (Lycaenidae) Synonym(s): diana Miller,[1913] Range (in codes): TR Cc Distribution in Turkey (in codes): 04 13 25 29 36 69 76

**355.** Polyommatus (s.str. (Neolysandra)) ellisoni (Pfeiffer,1931) (Lycaenidae) Synonym(s): *ellisoni Pfeiffer,1931* Range (in codes): **LB** 

Polyommatus (s.str. (Neolysandra)) ellisoni ellisoni (Pfeiffer,1931) (Lycaenidae) Synonym(s): *ellisoni Pfeiffer,1931* Range (in codes): **LB** 

**356.** Polyommatus (s.str. (Neolysandra)) fatima Eckweiler & Schurian,1980 (Lycaenidae) Synonym(s): fatima Eckweiler & Schurian,1980 Range (in codes): TR IR Ab Distribution in Turkey (in codes): 30 65

Polyommatus (s.str. (Neolysandra)) fatima fatima Eckweiler & Schurian,1980 (Lycaenidae) Synonym(s): fatima Eckweiler & Schurian,1980 Range (in codes): TR IR Ab Distribution in Turkey (in codes): 30 65

Polyommatus (s.str. (Plebicula)) Higgins,1969 (Lycaenidae) Synonym(s): Plebicula Higgins,1969

**357. Polyommatus** (s.str. (Plebicula)) amandus (Schneider,1792) (Lycaenidae) Synonym(s): *icarius Esper,1789 nec Rottemburg,1775; amandus Schneider,1792* Range (in codes): Lsb Bn At AL AM AT AZ Ba BG BY Cc CH CN CZ DE DK EE ES FI FR GG GR HU IQ IR Ak Ab Elb Th IT KG KK LB LT LV NO PL RU SE Si SK Sm So Sr Tk TR T-S UA Ui Uk VI YU Aq Cb Bs Or Kg Pp Kw Ty Pw Om No Mn Sp Tk Aa Db Ax Kuz Sli Sau Tar DsA TrA TeA T-S Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 42 44 46 47 48 49 50 51 52 53 56 58 60 62 65 66 69 70 71 72 73 74 75 76 78 80

Polyommatus (s.str. (Plebicula)) amandus antheus Hemming,1932 (Lycaenidae) Synonym(s): antheus Hemming,1932 Range (in codes): He IL LB

Polyommatus (s.str. (Plebicula)) amandus brendus Hemming,1932 (Lycaenidae) Synonym(s): brenda Hemming,1932 Range (in codes): LB

**Polyommatus (s.str. (Plebicula)) amandus orientalis (Staudinger,1901)** (Lycaenidae) Synonym(s): *orientalis Staudinger,1901*; *gina Higgins,1958*. Range (in codes): **TR IQ** IR Ak Ab Elb Th Cc AZ AM GG Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 42 44 46 47 48 49 50 51 52 53 56 58 60 62 65 66 69 70 71 72 73 74 75 76 78 80

358. Polyommatus (s.str. (Plebicula)) dorylas ([Denis & Schiffermüller],1775) (Lycaenidae) Synonym(s): dorylas [Denis & Schiffermüller],1775; hylas Esper,[1778] nec Linnaeus,1758; argester Bergsträßer,[1779]; magna Balint,1985. Range (in codes): AL AT Ba BE BG BY CH CZ DE ES FR GG Cc GR HU IT KG LT LV PL RO RU SE SK Sr TR UA UK YU LAT Wn Distribution in Turkey (in codes): 01 03 05 06 08 14 16 18 24 25 29 32 33 36 37 38 42 46 48 50 51 62 66 69 70 75 76

Polyommatus (s.str. (Plebicula)) dorylas armenus (Staudinger,1871) (Lycaenidae) Synonym(s): armenus Staudinger,1871 Range (in codes): AM Cc GG TR Distribution in Turkey (in codes): 08 25 36 75 76

Polyommatus (s.str. (Plebicula)) dorylas dorylas ([Denis & Schiffermüller],1775 (Lycaenidae) Synonym(s): dorylas [Denis & Schiffermüller],1775; hylas Esper,[1778] nec Linnaeus,1758; argester Bergsträßer,[1779]; magna Balint,1985. Range (in codes): AL AT Ba BE BG Bw BY CH CZ DE ES FR GR HU IT KG LT LV PL RO RU SE SK Sr TR UA Uk YU LAT Wn Distribution in Turkey (in codes): 01 03 05 06 14 16 18 24 29 32 33 37 38 42 46 48 50 51 62 66 69 70

**359. Polyommatus (s.str. (Plebicula)) escheri (Hübner,[1823])** (Lycaenidae) Synonym(s): escheri Hübner,[1823]; agestor Godart,1823. Range (in codes): BG BY CH ES Mu FR GR HU IT MT PT RU **TR** UA YU Distribution in Turkey (in codes): 17

**Polyommatus (s.str. (Plebicula)) escheri dalmaticus (Speyer,1882)** (Lycaenidae) Synonym(s): *dalmaticus Speyer,1882; parnassica Brown,1977.* Range (in codes): BG GR HV MK **TR** Distribution in Turkey (in codes): 17

**Polyommatus (s.str. (Sublysandra)) Koçak,197**7 (Lycaenidae) Synonym(s): *Sublysandra Koçak,197*7

**360.** Polyommatus (s.str. (Sublysandra)) aedon (Christoph,1877) (Lycaenidae) Synonym(s): aedon Christoph,1877 Range (in codes): IR Elb Th Ha TR Cc Distribution in Turkey (in codes): 04 08 13 24 25 29 36 49 53 62 65 69 76

Polyommatus (s.str. (Sublysandra)) aedon araxianus (Koçak,1980) (Lycaenidae) Synonym(s): araxianus Koçak,1980 Range (in codes): TR Cc Distribution in Turkey (in codes): 36 76

Polyommatus (s.str. (Sublysandra)) aedon myrrhinus (Staudinger,1901) (Lycaenidae) Synonym(s): myrrhinus Staudinger,1901; noacki Koçak,1980 Range (in codes): TR Cc Distribution in Turkey (in codes): 04 08 13 24 25 29 49 53 62 65 69

**361.** Polyommatus (s.str. (Sublysandra)) cornelius (Freyer,[1850]) (Lycaenidae) Synonym(s): cornelius Freyer,[1850]; cornelia Gerhard,[1851]; candalus Herrich-Schäffer,[1851]; zuleikae Pfeiffer,1932; eberti Koçak,1979; subtilis Pages & Charmeux,1992. Range (in codes): TM TR AF Distribution in Turkey (in codes): 01 02 03 05 06 07 11 14 15 16 18 19 20 21 24 25 26 27 29 30 31 32 33 37 38 42 43 44 46 47 50 51 55 56 58 60 62 63 64 66 70 71 73

Polyommatus (s.str. (Sublysandra)) cornelius anatolicus (Koçak,1975) (Lycaenidae) Synonym(s): anatolicus Koçak,1975 Range (in codes): TR 24

Polyommatus (s.str. (Sublysandra)) cornelius cornelius (Freyer,[1850]) (Lycaenidae) Synonym(s): cornelius Freyer,[1850]; cornelia Gerhard,[1851]; candalus Herrich-Schäffer,[1851]; zuleikae Pfeiffer,1932; eberti Koçak,1979; subtilis Pages & Charmeux,1992. Range (in codes): TR Distribution in Turkey (in

 $\begin{array}{c} \textbf{codes})\textbf{:} & \textbf{01} \ \textbf{02} \ \textbf{03} \ \textbf{05} \ \textbf{06} \ \textbf{07} \ \textbf{11} \ \textbf{14} \ \textbf{15} \ \textbf{16} \ \textbf{18} \ \textbf{19} \ \textbf{20} \ \textbf{21} \ \textbf{24} \ \textbf{25} \ \textbf{26} \ \textbf{27} \ \textbf{29} \ \textbf{30} \ \textbf{31} \ \textbf{32} \ \textbf{33} \ \textbf{37} \ \textbf{38} \ \textbf{42} \ \textbf{43} \ \textbf{44} \ \textbf{46} \ \textbf{47} \ \textbf{50} \ \textbf{51} \ \textbf{55} \ \textbf{56} \ \textbf{58} \ \textbf{60} \ \textbf{62} \\ \textbf{63} \ \textbf{64} \ \textbf{66} \ \textbf{70} \ \textbf{71} \ \textbf{73} \\ \end{array}$ 

**362.** Polyommatus (s.str. (Sublysandra)) isauricoides (Graves,1923) (Lycaenidae) Synonym(s): isauricoides Graves,1923 Range (in codes): LB IL He

Polyommatus (s.str. (Sublysandra)) isauricoides isauricoides (Graves,1923) (Lycaenidae) Synonym(s): isauricoides Graves,1923 Range (in codes): LB IL He

**363.** Polyommatus (s.str. (Sublysandra)) myrrhus (Herrich-Schäffer,[1852]) (Lycaenidae) Synonym(s): *myrrhus Herrich-Schäffer,*[1852] Range (in codes): TR Cc IR Ab Distribution in Turkey (in codes): 03 05 06 18 30 32 38 58 60 66 71 73

**Polyommatus (s.str. (Sublysandra)) myrrhus hakkariensis (Koçak,1977)** (Lycaenidae) Synonym(s): *hakkariensis Koçak,1977* Range (in codes): **TR** IR Ab Distribution in Turkey (in codes): 30 73

Polyommatus (s.str. (Sublysandra)) myrrhus myrrhus (Herrich-Schäffer,[1852]) (Lycaenidae) Synonym(s): *myrrhus Herrich-Schäffer,*[1852] Range (in codes): TR 03 05 06 18 32 38 58 60 66 71

**Polyommatus (s.str. (Thersitesia)) Koçak & Seven,1998** (Lycaenidae) Synonym(s): *Thersitesia Koçak & Seven,1998* 

**364.** Polyommatus (s.str. (Thersitesia)) thersites (Canterer,[1835]) (Lycaenidae) Synonym(s): thersites Canterer,[1835]; chapmani Ball,1914; meridiana Verity,1919. Range (in codes): Cc AZ Sms Kos AL AT Ba BE B-H BY CH CZ DE ES Mu FR GR HU HV IR Ak Ab Elb Th IT KG KK **LB** MA MK MN PL PT Rd RO RU SK Sm So Sr SS **SY** TM **TR** UA YU TrA TeA T-S DsA Tar Sau Sj GG Tbl Distribution in Turkey (in codes): 01 02 03 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 52 54 58 59 60 62 64 65 66 68 69 70 71 74 75 76 78 81

Polyommatus (s.str. (Thersitesia)) thersites gravesi (Chapman,1912) (Lycaenidae) Synonym(s): gravesi Chapman,1912 Range (in codes): IL Pa

**Polyommatus (s.str. (Thersitesia)) thersites ketshevanus (Obraztsov,1936)** (Lycaenidae) Synonym(s): *ketshevana Obraztsov,1936* Range (in codes): Cc **TR** IR Ak Ab Elb Th Distribution in Turkey (in codes): 01 02 03 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 52 54 58 59 60 62 64 65 66 68 69 70 71 74 75 76 78 81

Polyommatus (s.str.) Latreille, 1804 (Lycaenidae) Synonym(s): Polyommatus Latreille, 1804

**365. Polyommatus (s.str.) bollandi Dumont,1998** (Lycaenidae) Synonym(s): *bollandi Dumont,1998* Range (in codes): **TR** Distribution in Turkey (in codes): 31

**Polyommatus (s.str.) bollandi bollandi Dumont,1998** (Lycaenidae) Synonym(s): *bollandi Dumont,1998* Range (in codes): **TR** Distribution in Turkey (in codes): 31

**366. Polyommatus (s.str.) buzulmavi Carbonell,1991** (Lycaenidae) Synonym(s): *buzulmavi Carbonell,1991; narlica Carbonell,1991* Range (in codes): **TR** Distribution in Turkey (in codes): 30 65

**Polyommatus (s.str.) buzulmavi buzulmavi Carbonell,1991** (Lycaenidae) Synonym(s): buzulmavi Carbonell,1991; narlica Carbonell,1991 Range (in codes): **TR** Distribution in Turkey (in codes): 30 65

**367. Polyommatus (s.str.) ciloicus De Freina & Witt,1983** (Lycaenidae) Synonym(s): *ciloicus De Freina & Witt,1983* Range (in codes): **TR** IR Ab Qz Elb Distribution in Turkey (in codes): 30

**Polyommatus (s.str.) ciloicus ciloicus De Freina & Witt,1983** (Lycaenidae) Synonym(s): ciloicus De Freina & Witt,1983 Range (in codes): **TR** Distribution in Turkey (in codes): 30

**368.** Polyommatus (s.str.) eroides (Frivaldsky,1835) (Lycaenidae) Synonym(s): *eroides* Frivaldsky,1835 Range (in codes): AL Cc AZ Ba BG BY CZ EE GG LT LV MK PL RU SK Sm So Sr Tai **TR** Ze Sb CN Ui Ts Amd Distribution in Turkey (in codes): 05 06 14 16 28 37 42? 60 66 67 78

Polyommatus (s.str.) eroides eroides (Frivaldsky,1835) (Lycaenidae) Synonym(s): eroides Frivaldsky,1835 Range (in codes): AL BG MK TR Distribution in Turkey (in codes): 05 06 14 16 28 37 42? 60 66 67

**369. Polyommatus (s.str.) eros (Ochsenheimer,1808)** (Lycaenidae) Synonym(s): *tithonus Hübner,[1804] nec Linn.,1771; eros Ochsenheimer,1808* Range (in codes): Ak AT CH DE ES FR GR IR IT YU KG DsA Ket TeA KuA TrA AF Hk PK Bl Wa Zh Qu Zi Ci Nwf Hyb IN Kma T-S RU Kr Cc Tai **TR** BY UA PL Distribution in Turkey (in codes): 08 24 25 29 69

**Polyommatus (s.str.) eros yildizae Koçak,1977** (Lycaenidae) Synonym(s): *yildizae Koçak,1977*; #yulduzae Korb,2000. Range (in codes): **TR** Cc Distribution in Turkey (in codes): 08 24 25 29 69

- 370. Polyommatus (s.str.) erotulus Nekrutenko,1985 (Lycaenidae) Synonym(s): erotulus Nekrutenko,1985; delessei Carbonell,1994. Range (in codes): Cc AZ IR Ak TR Distribution in Turkey (in codes): 51

  Polyommatus (s.str.) erotulus molleti Carbonell,[1994] (Lycaenidae) Synonym(s): molleti Carbonell,[1994] Range (in codes): TR Distribution in Turkey (in codes): 51
- 371. Polyommatus (s.str.) icarus (Rottemburg,1775) (Lycaenidae) Synonym(s): argus Poda,1761 nec Linn.,1758; alexis Scopoli,1763 nec Pda,1761; thetis Esper,1777 nec Dru.,1773; icarus Rottemburg,1775; pampholyge Bergsträβer,1779; candybus Bergsträβer,1779; candiope Bergsträβer,1779; candaon Bergsträβer,1779; oceanus Bergsträβer,1779; fusciolus Fourcroy,1785; icarinus Scriba,1795; pusillus Gerhard,1851; neglectus Stradomsky & Arzanov,1999 Range (in codes): Ae AF AL Ao AT Ba BE BG B-H BY CH CN Co Cr CY CZ DE DK DZ EE ES FI FR GB GR HU HV IE Ii IL IQ IR IT JO KG KK Ku LB LT LU LV MA MK MN MT NL NO PK PL PT Rd RO RU Sa SE Si SK Sm So Sr SS SY TJ TM TN TR T-S Tv UA Ui Uk Us UZ Vl YU Cw Dv Smt H-W Sur Ssx Ken Mu Mu18 Bn At Kts Sau Tar Buc Bkb Mrk Ssn Ktm Nym Sb DsA TrA KuA TeA Ax Ii Kuz Sli Bl Ci Nwf Kmt Sju Prj Pa Hf Cc Kc Pe Ir Irk Bc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 75 76 78 81

Polyommatus (s.str.) icarus (Rottemburg,1775), ssp. (Lycaenidae) Synonym(s): argus Poda,1761 nec Linn.,1758; alexis Scopoli,1763 nec Pda,1761; thetis Esper,1777 nec Dru.,1773; icarus Rottemburg,1775; pampholyge Bergsträβer,1779; candybus Bergsträβer,1779; candiope Bergsträβer,1779; candaon Bergsträβer,1779; oceanus Bergsträβer,1779; fusciolus Fourcroy,1785; icarinus Scriba,1795; pusillus Gerhard,1851; Range (in codes): Cc TR SY IL He Pa Hf LB Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 75 76 81

**372. Polyommatus (s.str.) juno Hemming,1933** (Lycaenidae) Synonym(s): *juno Hemming,1933* Range (in codes): **LB** 

**Polyommatus (s.str.) juno juno Hemming,1933** (Lycaenidae) Synonym(s): *juno Hemming,1933* Range (in codes): He IL LB

373. Polyommatus (s.str.) persicus (Bienert,1870) (Lycaenidae) Synonym(s): persica Bienert,1870; bienerti Balint,[1993]. Range (in codes): AF Hr IQ IR Yz PK Ci TR TM Kp TJ Gis Pm CN KK Ti? Ui Um Yk Ga RU Tv T-S KG Drw TJ At DsA TrA KuA Sau Tar

**Polyommatus (s.str.) persicus persicus (Bienert,1870)** (Lycaenidae) Synonym(s): persica Bienert,1870; bienerti Balint,[1993]. Range (in codes): **IQ** IR Yz **TR** TM Kp

Chilades Moore,[1881] (Lycaenidae) Synonym(s): Chilades Moore,[1881] Chilades (Freyeria) Courvoisier,1920 (Lycaenidae) Synonym(s): Freyeria Courvoisier,1920

374. Chilades (Freyeria) trochylus (Freyer,[1843]) (Lycaenidae) Synonym(s): trochylus Freyer,[1843]; #trochilus Herrich-Schäffer,[1845]; parva Murray,1874; persa Bytinski-Salz & Brandt,1937; #supraradiata Wagner,1931 Range (in codes): Ad AE AF AO AS BF BH BI BJ BW CF CG Chi CI CM Cr CY Dh DJ DZ EG EH ER ET GA GH GM GN Bio GR GW Hd Hj IL IN IQ IR JO KE KW LB LR LS LY MA ML MM MR Mu MW MZ NA NE Nf NG NJ OM PK QA Rd RW SA SD SL Sms SN SO ST SY SZ TD TG TN TR ZA Gau Ptc Lpo Tva Spb Mdk Ent TM TZ UG YE ZM ZR ZW AU MY PG PH Luz VN Pa Hf He Ci Elb Th Kp Fa Ss Kru Pma Cc Distribution in Turkey (in codes): 01 02 03 05 06 07 08 13 16 18 20 21 23 24 25 27 30 31 32 33 34 35 38 40 42 44 46 48 50 51 56 58 60 62 63 65 68 70 71 72 73 76

Chilades (Freyeria) trochylus trochylus (Freyer,[1843]) (Lycaenidae) Synonym(s): trochylus Freyer,[1843]; #trochilus Herrich-Schäffer,[1845]; parva Murray,1874; persa Bytinski-Salz & Brandt,1937; #supraradiata Wagner,1931. Range (in codes): Ad AE AF AO As BF BH BI BJ BW CF CG Chi Cl CM Cr CY Dh DJ DZ EG EH ER ET GA GH GM GN Bio GR GW Hd Hj IL IN IQ IR JO KE KW LB LR LS LY MA ML MM MR Mu MW MZ NA NE Nf NG Nj OM PK QA Rd RW SA SD SL Sms SN SO ST SY SZ TD TG TN TR ZA Gau Ptc Lpo Tva Spb Mdk Ent TM TZ UG YE ZM ZR ZW AU MY PG PH Luz TH VN Pa Hf He Ci Elb Th Kp Fa Ss Kru Pma Cc Distribution in Turkey (in codes): 01 02 03 05 06 07 08 13 16 18 20 21 23 24 25 27 30 31 32 33 34 35 38 40 42 44 46 48 50 51 56 58 60 62 63 65 68 70 71 72 73 76

Chilades (Lachides) Nekrutenko,1984 (Lycaenidae) Synonym(s): Lachides Nekrutenko,1984

375. Chilades (Lachides) galba (Lederer,1855) (Lycaenidae) Synonym(s): galba Lederer,1855 Range (in codes): AF BH CY IL IQ Agh Bag Su Cc AZ IR Fa Km Lo JO KW LB Bei Nf Nj QA SA SA78 SY TR UE PK Wa Bl Pm TJ Distribution in Turkey (in codes): 01 02 13 21 31 33 56 63 80

Chilades (Lachides) galba galba (Lederer,1855) (Lycaenidae) Synonym(s): galba Lederer,1855 Range (in codes): AF BH CY IL IQ Agh Bag Su Cc AZ IR Fa Km Lo JO KW LB Bei Nf Nj QA SA SA78 SY TR UE Distribution in Turkey (in codes): 01 02 13 21 31 33 56 63 80

Plebejus Kluk,1802 (Lycaenidae) Synonym(s): Plebejus Kluk,1802; Plebeius Kirby,1871 nec Tschudi,1846. Plebejus (Kretania) Beuret,1959 (Lycaenidae) Synonym(s): Kretania Beuret,1959

**376. Plebejus (Kretania) carmon (Gerhard,[1851])** (Lycaenidae) Synonym(s): *carmon Gerhard,[1851, November]*; *eurypilus Freyer,[1851,December]*. Range (in codes): AM AZ Cc GG Smt Akh GR Sms **IL** Pa IR **LB** RU Kr **SY TR** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 12 13 14 16 18 19 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 42 44 46 47 48 49 50 51 56 58 60 62 63 64 65 66 69 70 71 72 73 74 76

**Plebejus (Kretania) carmon carmon (Gerhard,[1851])** (Lycaenidae) Synonym(s): *carmon Gerhard,[1851, November]*; *eurypilus Freyer,[1851,December]*. Range (in codes): AM AZ Cc GG Smt Akh GR Sms IR RU **SY TR** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 12 13 14 16 18 19 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 42 44 46 47 48 49 50 51 56 58 60 62 63 64 65 66 69 70 71 72 73 74 76

**Plebejus (Kretania) carmon euaemon** (Hemming,1931) (Lycaenidae) Synonym(s): euaemon Hemming,1932; #euaemom Shchurov & Lukhtanov,2001. Range (in codes): He IL Pa LB SY TR Distribution in Turkey (in codes): 27 46

**377. Plebejus (Kretania) iranicus (Forster,1938)** (Lycaenidae) Synonym(s): *iranicus Forster,1938* Range (in codes): AF IR Ak Ab Elb Ke Kp TM TR IQ Distribution in Turkey (in codes): 04

**Plebejus (Kretania) iranicus iranicus (Forster,1938)** (Lycaenidae) Synonym(s): *iranicus Forster,1938* Range (in codes): AF IR Ak Ab Elb Ke Kp TM **TR IQ** Distribution in Turkey (in codes): 04

Plebejus (Lycaeides) Hübner,[1819] (Lycaenidae) Synonym(s): Lycaeides Hübner,[1819]

378. Plebejus (Lycaeides) argyrognomon (Bergsträßer,[1779]) (Lycaenidae) Synonym(s): argyrognomon Bergsträßer,[1779]; argyrobius Bergsträßer,[1779]; argyrocapelus Bergsträßer,[1779]; argyrocopus Bergsträßer,[1779]; argyroela Bergsträßer,[1779]; argyrophylax Bergsträßer,[1779]; ismenias Meigen,1829; ligurica Oberthür,1910; aegus Chapman,1917 Range (in codes): AL Cc AM At Bn Kts AT Ba BG BL BY CH CN CZ DE ES FR GR HU IT Ju KK LT LV NO PL RO RU SE FI SK Sm So Sr TR UA Ui UZ YU KG Uk Kuz Sli Sau Tar DsA Ax TrA TeA T-S Bc Distribution in Turkey (in codes): 08 25 38 51 61 69 75

**Plebejus (Lycaeides) argyrognomon caspicus (Forster,1936)** (Lycaenidae) Synonym(s): caspica Forster,1936 Range (in codes): RU Sr Cc TR Distribution in Turkey (in codes): 08 25 61 69 75

**Plebejus (Lycaeides) argyrognomon ssp.** (Lycaenidae) Synonym(s): Range (in codes): **TR** Distribution in Turkey (in codes): 38 51

**379. Plebejus (Lycaeides) christophi (Staudinger,1874)** (Lycaenidae) Synonym(s): *christophi Staudinger,1874*; *argivus Staudinger,1886*. Range (in codes): Aa AF Aq Ci CN Fe Gg Gn IR Ab Ak Elb Kp Fa Ss KG KK Ky PK Pm T-A TJ Tk TM **TR** Ui UZ Krn Ii T-S Cc Distribution in Turkey (in codes): 36 75 76

**Plebejus (Lycaeides) christophi transcaucasicus (Rebel,1901)** (Lycaenidae) Synonym(s): transcaucasicus Rebel,1901 Range (in codes): Cc AM TR IR Ab Ak Distribution in Turkey (in codes): 36 75 76

**380.** Plebejus (Lycaeides) idas (Linnaeus,1761) (Lycaenidae) Synonym(s): idas Linnaeus,1761; leodorus Esper,1782; acreon Fabricius,1787; amphion Fabricius,1793. Range (in codes): T-S Ui Ku Cc AM Ao At AT Ba BE BG B-H BY CH Co CZ DE DK EE ES FI FR GG GR HU HV IT IR Elb KG KK **LB** LT LV MK NL NO PL PT RO RU Sa SE Si SK Sm So Sr SS **TR** UA Uk Vl YU DSA TEA KUA TrA US Cf Col Id Mai Mch Mns Mon Ne Org Ut Wc Ws Wy Distribution in Turkey (in codes): 01 03 04 05 06 07 08 13 14 16 18 19 24 25 26 29 30 33 36 37 38 39C 42 44 46 49 51 52 53 58 62 65 66 67 69 70 73 74 76

Plebejus (Lycaeides) idas altarmenus (Forster,1936) (Lycaenidae) Synonym(s): altarmena Forster,1936 Range (in codes): Cc Smt Akh AM Arr GG Ksp TR RU IR Elb Distribution in Turkey (in codes): 08 36

**Plebejus (Lycaeides) idas baldur (Hemming,1934)** (Lycaenidae) Synonym(s): #balcanica Züllich,1929 nec Lycaena balkanica Freyer,[1844]; baldur Hemming,1934. Range (in codes): **TR** Cc AM BG B-H GG **LB** MK Distribution in Turkey (in codes): 01 03 04 05 06 07 13 14 16 18 19 24 25 26 29 30 33 37 38 39 42 44 46 49 51 52 53 58 62 65 66 67 69 70 73 74 76

Plebejus (Lycaeides) idas selda (Higgins,1964) (Lycaenidae) Synonym(s): selda Higgins,1964 LB

**381.** Plebejus (Lycaeides) maracandicus (Erschoff,1874) (Lycaenidae) Synonym(s): maracandica Erschoff,1874; dschagatai Groum-Grshimailo,1887; buchara Forster,1936. Range (in codes): UZ Br Smk RU KG Sb Ya Tv MN Au CN Dj T-S Ju KG Kl Kml Sem Tk Ui Cc AM Ao RU Sr **TR** Ur

#### Plebejus (Plebejides) Sauter,1968 (Lycaenidae) Synonym(s): Plebejides Sauter,1968

**Plebejus (Plebejides) modicus modicus Verity,1935** (Lycaenidae) Synonym(s): *modicus Verity,1935; microsephyrus Verity,1935* Range (in codes): GG Smt Akh Cc **TR** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 12 13 14 16 17 18 19 21 23 24 25 26 28 29 30 32 33 34 35 36 37 38 42 44 46 47 48 49 50 51 52 53 56 58 59 60 62 66 68 69 70 71 72 73 75 76

**383.** Plebejus (Plebejides) nichollae (Elwes,1901) (Lycaenidae) Synonym(s): nichollae Elwes,1901 Range (in codes): SY JO TR LB He IL Distribution in Turkey (in codes): 27 31 65

**Plebejus (Plebejides) nichollae akbesianus Oberthür,1904** (Lycaenidae) Synonym(s): *akbesianus Oberthür,1904* (Range (in codes): **TR** Distribution in Turkey (in codes): 27 31 65

Plebejus (Plebejides) nichollae cleopatra Hemming,1934 (Lycaenidae) Synonym(s): cleopatra Hemming,1934 (Range (in codes): JO

Plebejus (Plebejides) nichollae nichollae Elwes,1901 (Lycaenidae) Synonym(s): nichollae Elwes,1901 Range (in codes): He IL LB SY

**384. Plebejus (Plebejides) philbyi Graves,1925** (Lycaenidae) Synonym(s): *philbyi Graves,1925* Range (in codes): **JO** 

**Plebejus (Plebejides) philbyi philbyi Graves,1925** (Lycaenidae) Synonym(s): philbyi Graves,1925 (Range (in codes): **JO** 

**385. Plebejus (Plebejides) sephirus (Frivaldszky,1835)** (Lycaenidae) Synonym(s): *sephirus Frivaldszky,1835*; *uhryki Rebel,1911*; *proximus Szabo,1954*; *kovacsi Szabo,1954*; *foticus Szabo,1956*. Range (in codes): BG HU MK AL RO **TR** Cc AM Ved Distribution in Turkey (in codes): 10 34 39

**Plebejus (Plebejides) sephirus sephirus (Frivaldszky,1835)** (Lycaenidae) Synonym(s): sephirus Frivaldszky,1835; uhryki Rebel,1911; proximus Szabo,1954; kovacsi Szabo,1954; foticus Szabo,1956. Range (in codes): BG HU MK AL RO **TR** Distribution in Turkey (in codes): 10 34 39

**386. Plebejus (Plebejides) zephyrinus (Christoph,1884)** (Lycaenidae) Synonym(s): zephyrinus Christoph,1884 Range (in codes): **TR** Cc AZ Nv Ord GG **IQ** IR KG Kp TM Sau Mn Ak Ab Elb Mz Lo Fa Shr RU T-S Ax Fe UZ Distribution in Turkey (in codes): 13 30 65 72 73 76

**Plebejus (Plebejides) zephyrinus ordubadi (Forster,1938)** (Lycaenidae) Synonym(s): ordubadi Forster,1938 Range (in codes): Smt Akh Cc AZ GG Nv Ord **TR IQ** IR Ak Ab Distribution in Turkey (in codes): 13 30 65 73 76

#### Plebejus (s.str.) Kluk, 1802 (Lycaenidae) Synonym(s): Plebejus Kluk, 1802

387. Plebejus (s.str.) argus (Linnaeus,1758) (Lycaenidae) Synonym(s): argus Linnaeus,1758; aegon Denis & Schiffermiller,1775; plouharnelensis Oberthür,1926; pulchraphilonome Verity,1931. Range (in codes): AL Ao At Bn Kts AT Ba BE BG BY CH CN Co CZ DE DK EE ES Mu FI FR GB GR HU IT IR Elb Ab Ak IQ KG Ku LT LU LV NL NO PL PT RO RU Sa SE Si SK Sm So Sr TR Cc GG Smt Akh AZ AM UA Ui Kml Uk Vl Ya YU Cw Dv Smt H-W Sur Ssx Ken Kuz Sli Sau Tar Mn Mgd KP KR JP Sh Us Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 13 14 16 17 18 22 24 25 26 28 29 30 32 33 34 36 37 38 39 41 42 43 46 49 50 51 52 53 54 55 58 59 60 62 65 66 67 69 70 73 75 76 78

**Plebejus (s.str.) argus bellus (Herrich-Schäffer,[1844])** (Lycaenidae) Synonym(s): *bellus Herrich-Schäffer,[1844]*; *tscherkessica Forster,1936*; *#georgica Forster,1936*. Range (in codes): Aj Akh Arr Cc AZ AM GG Smt Akh Kb Ksp RU Teb **TR IQ** IR Ab Ak Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 13 14 16 17 18 22 24 25 26 28 29 30 32 33 34 36 37 38 39 41 43 46 49 50 51 52 53 54 55 58 59 60 62 65 66 67 69 70 73 75 76 78

**Plebejus (s.str.) argus orientalis (Tutt,1909)** (Lycaenidae) Synonym(s): *orientalis Tutt,1909* Range (in codes): MK TR

**Plebejus (s.str.) argus sultanus (Forster,1936)** (Lycaenidae) Synonym(s): *sultanus Forster,1936;* #anatolica Forster,1936 Range (in codes): **TR** 42

**Lycaena Fabricius, 1807** (Lycaenidae) Synonym(s): *Lycaena Fabricius, 1807*; *Lycia Sodoffsky, 1837*; *Migonitis Sodoffsky, 1837*; *Rumicia Tutt, 1906*.

Lycaena (Alciphronia) Koçak,1992 (Lycaenidae) Synonym(s): Alciphronia Koçak,1992

- **388.** Lycaena (Alciphronia) alciphron (Rottemburg,1775) (Lycaenidae) Synonym(s): alciphron Rottemburg,1775; lampetie [Denis & Schiffermüller],1775; hiere Fabricius,1787. Range (in codes): AL Cc AM Bn At Kts AT AZ Ba BG Bry BY CH CN Ui MN CZ DE DK EE ES Mu FR GG GR HU IQ IR Ab Ak Elb IT KG LT LV PL PT RO RU Si SK Sm So Sr TR T-S UA Uk Vl YU KK Or Cb Ty Om Sp Tk Aa Rk Aq Tar Sau DsA Ket KuA TrA Nrk Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 53 58 60 61 62 65 66 69 71 72 73 74 76
- Lycaena (Alciphronia) alciphron alciphron (Rottemburg,1775) (Lycaenidae) Synonym(s): alciphron Rottemburg,1775; lampetie [Denis & Schiffermüller],1775; hiere Fabricius,1787. Range (in codes): AL Cc AM AT AZ Ba BG Bw BY CH CZ DE DK EE ES FR GG GR HU IQ IR IT KG LT LV PL PT RO RU Si SK Sm So Sr TR UA Uk VI YU Brd
- **Lycaena (Alciphronia) alciphron melibaeus (Staudinger,1878)** (Lycaenidae) Synonym(s): *melibaeus Staudinger,1878; fruginus Fruhstorfer,1917.* Range (in codes): Cc GG GR **IQ** IR Ab Ak Elb Le **TR** AM Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 53 58 60 61 62 65 66 69 71 73 74 76
- **Lycaena (Heodes) Dalman,1816** (Lycaenidae) Synonym(s): Heodes Dalman,1816; Chrysoptera Zincken,1817.
- **389.** Lycaena (Heodes) ottomanus (Lefèbvre,[1830]) (Lycaenidae) Synonym(s): ottomanus Lefèbvre,[1830]; legeri Freyer,1830. Range (in codes): AL BG GR Mt TR MK Distribution in Turkey (in codes): 01 07 10 16 17 31 33 34 39 48
- **Lycaena (Heodes) ottomanus ottomanus (Lefèbvre,[1830])** (Lycaenidae) Synonym(s): ottomanus Lefèbvre,[1830]; legeri Freyer,1830. Range (in codes): AL BG GR Mt **TR** MK Distribution in Turkey (in codes): 01 07 10 16 17 31 33 34 39 48
- **390.** Lycaena (Heodes) virgaureae (Linnaeus,1758) (Lycaenidae) Synonym(s): virgaureae Linnaeus,1758; armeniaca A.Bang-Haas,1906; chrysorhoas Fruhstorfer,1917; balcanicola Graves,1928. Range (in codes): AL AM TR Bn At Kts AT Aty Ba BE BG BY CH Cm CN CZ DE DK EE ES FI FR Cc GG GR HU IT Ju KG KK LT LU LV MK MN NL NO PL PT RO RU SE SK Sm So Sr St Tk UA Ui Vl YU TeA Kuz DsA TrA T-S Distribution in Turkey (in codes): 01 03 04 05 06 08 11 13 14 16 18 24 25 26 29 30 32 33 36 37 42 43 46 51 53 58 60 62 65 66 69 75 76 78
- **Lycaena (Heodes) virgaureae aureomicans (Heyne,1897)** (Lycaenidae) Synonym(s): aureomicans Heyne,1897; denizae Eckweiler & Rose,1993. Range (in codes): **TR** Distribution in Turkey (in codes): 01 32 33 42 51
- **Lycaena (Heodes) virgaureae virgaureae (Linnaeus,1758)** (Lycaenidae) Synonym(s): virgaureae Linnaeus,1758; armeniaca A.Bang-Haas,1906; chrysorhoas Fruhstorfer,1917; balcanicola Graves,1928. Range (in codes): AL AM **TR** Bn At Kts Ba BE BG Bw BY Cm CZ DE DK EE FI Cc GG GR HU IT LT LU LV MK NL NO PL RO Rp RU SE SK Sm So Sr UA VI YU Distribution in Turkey (in codes): 03 04 05 06 08 11 13 14 16 18 24 25 26 29 30 32 36 37 42 43 46 53 58 60 62 65 66 69 75 76 78
  - Lycaena (Loweia) Tutt,[1906] (Lycaenidae) Synonym(s): Loweia Tutt,[1906]; Palaeoloweia Verity,1934.
- **391.** Lycaena (Loweia) tityrus (Poda,1761) (Lycaenidae) Synonym(s): tityrus Poda,1761; acrion [Brünnich],1763; orientalis Staudinger,1881; argentifex Balint,1990. Range (in codes): AL Cc AM Bn At AT AZ Ba BE BG BY CH CZ DE DK EE ES FR GG GR HU IQ IR Ab Ak Elb Th Ha IT LB LT LU LV MK NL PL PT RO RU SK Sm So Sr TR UA YU KG Tt Uk Aq Rk Ka Pw Om Sp Tk DsA Tar Lps CN Ui Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
- **Lycaena (Loweia) tityrus tityrus (Poda,1761)** (Lycaenidae) Synonym(s): tityrus Poda,1761; acrion [Brünnich],1763; orientalis Staudinger,1881; argentifex Balint,1990. Range (in codes): Sms At Bn AL Cc AM AZ Ba BE BG Bw BY CZ DE DK EE ES GG GR HU **IQ LB** LT LU LV MK NL PL PT RO Rp RU SK Sm So Sr **TR** UA YU KG Tt Uk Aq Rk Ka Pw Om Sp Tk DsA Tar Lps Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
- **Lycaena (Margelycaena) Koçak & Kemal,2001** (Lycaenidae) Synonym(s): *Phoenicurusia auct. nec Verity,1943; Margelycaena Koçak & Kemal,2001*
- 392. Lycaena (Margelycaena) euphratica (Eckweiler,1989) (Lycaenidae) Synonym(s): euphratica Eckweiler,1989 Range (in codes): TR Distribution in Turkey (in codes): 02 12 13 25 30 49 65 72 73

  Lycaena (Margelycaena) euphratica euphratica (Eckweiler,1989) (Lycaenidae)

  Synonym(s): euphratica Eckweiler,1989 Range (in codes): TR Distribution in Turkey (in codes): 02 12 13 25 30 49 65 72 73

Lycaena (Palaeochrysophanus) Verity,1943 (Lycaenidae) Synonym(s): Palaeochrysophanus Verity,1943

**393.** Lycaena (Palaeochrysophanus) candens (Herrich-Schäffer,[1845]) (Lycaenidae) Synonym(s): candens Herrich-Schäffer,[1845] Range (in codes): AL Cc GG Akh Cbo GR IR Elb Mz RO TR Arr YU BG B-H HV MK Ril Distribution in Turkey (in codes): 03 04 05 06 08 13 14 16 18 24 25 28 29 30 36 43 49 52 53 58 60 61 65 66 69 75 76

Lycaena (Palaeochrysophanus) candens candens (Herrich-Schäffer,[1845]) (Lycaenidae) Synonym(s): candens Herrich-Schäffer,[1845] Range (in codes): Cc TR Arr Distribution in Turkey (in codes): 03 04 05 06 08 13 14 16 18 24 25 28 29 30 36 43 49 52 53 58 60 61 65 66 69 76

**Lycaena (Palaeochrysophanus) candens pfeifferi (Beuret,1952)** (Lycaenidae) Synonym(s): *pfeifferi Beuret,1952; transcaucasiensis auct.* Range (in codes): Cc GG Smt Akh Cbo **TR** Distribution in Turkey (in codes): 75

**Lycaena (Phoenicurusia) Verity,1943** (Lycaenidae) Synonym(s): *Phoenicurusia Verity,1943*; *Athamanthia Zhdanko,1983* 

**394.** Lycaena (Phoenicurusia) phoenicurus (Lederer,1870) (Lycaenidae) Synonym(s): phoenicurus Lederer,1870; transcaucasica Miller,1923 Range (in codes): TR Cc IR Elb Th Ss Yz Kh TM Kp PK Distribution in Turkey (in codes): 04 36 76

**Lycaena (Phoenicurusia) phoenicurus phoenicurus (Lederer,1870)** (Lycaenidae) Synonym(s): *phoenicurus Lederer,1870; transcaucasica Miller,1923* Range (in codes): **TR** Cc IR Elb Th Ss Distribution in Turkey (in codes): 04 36 76

**Lycaena (Thersamolycaena) Verity,1957** (Lycaenidae) Synonym(s): Disparia Verity,1943 nec Nagano,1916; Thersamolycaena Verity,1957; # Thersamonolycaena Churkin,1999

**395.** Lycaena (Thersamolycaena) dispar ([Haworth],1802) (Lycaenidae) Synonym(s): dispar [Haworth],1802; hippothoe Rottemburg,1775 nec Linnaeus,1761. Range (in codes): At Bn AL Am Ao AT Ba BG BL BY CH Cm CN CZ DE DK EE FR GB GR HU IT IR Mz Gor KG Ku LT LU LV NL PL RO RU SE SK Sm So Sr TR UA Ui Uk VI YU Sau Ket Tar DsA KuA TrA T-S Sb Am Prj Us Distribution in Turkey (in codes): 14 16 22 34 39 52 55 57 74 81

Lycaena (Thersamolycaena) dispar rutilus (Werneburg,1864) (Lycaenidae) Synonym(s): hippothoe Ochsenheimer,1808 nec Linnaeus,1761; rutilus Werneburg,1864. Range (in codes): AL Am Ao AT Ba BG BL Bw BY CH Cm CZ DE DK EE FR GB GR HU IT KG LT LU LV NL PL RO RU SE SK Sm So Sr TR UA Uk Vl YU IR Mz Gor Distribution in Turkey (in codes): 14 16 22 34 39 52 55 57 74 81

**Lycaena (Thersamonia) Verity,1919** (Lycaenidae) Synonym(s): Thersamonia Verity,1919; Hyllolycaena & L.Miller & F.M.Brown,1979

**396. Lycaena (Thersamonia) asabinus (Gerhard,[1850])** (Lycaenidae) Synonym(s): #helius Herrich-Schäffer,[1851]; asabinus Herrich-Schäffer,[1852]. Range (in codes): Cc GG **IQ** IR **LB TR** Distribution in Turkey (in codes): 01 03 04 05 07 08 12 13 21 23 24 25 30 32 33 36 42 44 46 47 50 51 52 58 62 65 70 73

**Lycaena (Thersamonia) asabinus asabinus (Gerhard,[1850])** (Lycaenidae) Synonym(s): #helius Herrich-Schäffer,[1851]; asabinus Herrich-Schäffer,[1852]. Range (in codes): He IL Cc GG IQ IR LB TR Distribution in Turkey (in codes): 01 03 04 05 07 08 12 13 21 23 24 25 30 32 33 36 42 44 46 47 50 51 52 58 62 65 70 73

**Lycaena (Thersamonia) asabinus satraps (Staudinger,1878)** (Lycaenidae) Synonym(s): satraps Staudinger,1878 Range (in codes): **TR** 

Lycaena (Thersamonia) asabinus tauricus (Heyne,[1895]) (Lycaenidae) Synonym(s): tauricus Heyne,[1895] Range (in codes): TR

**397.** Lycaena (Thersamonia) kefersteinii (Gerhard,[1850]) (Lycaenidae) Synonym(s): kefersteinii Gerhard,[1850]; phaeton Freyer,[1850]; #ochimus Herrich-Schäffer,[1851]; ochimus Herrich-Schäffer,[1852]. Range (in codes): He IL LB TR IR Ak Elb Th Cc GG Ru Smt Akh Sah Mz Distribution in Turkey (in codes): 01 02 04 05 06 07 08 11 12 13 14 21 23 24 25 29 30 32 33 35 36 38 42 43 44 46 47 50 51 58 60 62 63 65 66 68 69 70 71 73 76

**Lycaena** (Thersamonia) kefersteinii kefersteinii (Gerhard,[1850]) (Lycaenidae) Synonym(s): kefersteinii Gerhard,[1850]; phaeton Freyer,[1850]; #ochimus Herrich-Schäffer,[1851]; ochimus Herrich-Schäffer,[1852]. Range (in codes): He IL LB TR Cc GG Smt Akh Distribution in Turkey (in codes): 01 02 04 05 06 07 08 11 12 13 14 21 23 24 25 29 30 32 33 35 36 38 42 43 44 46 47 50 51 58 60 62 63 65 66 68 69 70 71 73 76

- **398.** Lycaena (Thersamonia) kurdistanicus (Riley,1921) (Lycaenidae) Synonym(s): kurdistanica Riley,1921 Range (in codes): IR Ak Ab Km IQ TR LB Distribution in Turkey (in codes): 13 30 56 65 72 73
- **Lycaena (Thersamonia) kurdistanicus kurdistanicus (Riley,1921)** (Lycaenidae) Synonym(s): *kurdistanica Riley,1921* Range (in codes): IR Ak Ab Km **IQ TR LB** Distribution in Turkey (in codes): 13 30 65 72 73
- 399. Lycaena (Thersamonia) lampon (Lederer,1870) (Lycaenidae) Synonym(s): lampon Lederer,1870 Range (in codes): IR Elb Th Es Fa Ke Ss TR TM Kp Distribution in Turkey (in codes): 13 25 30 65

  Lycaena (Thersamonia) lampon lampon (Lederer,1870) (Lycaenidae) Synonym(s): lampon Lederer,1870 Range (in codes): IR Elb Es Th Fa Ke Ss TR TM Kp Distribution in Turkey (in codes): 13 25 30 65
- **400. Lycaena (Thersamonia) thersamon (Esper,[1784])** (Lycaenidae) Synonym(s): *hyllus Cramer,[1775]; thersamon Esper,[1784]; omphale Klug,1834; persica Bienert,1870; #militaris Graves,1925.* Range (in codes): At Bn Ao He Kos AF AL AT Ba BG BY CN Ui **CY** CZ GR EG Sn HU Ii **IL** Pa Hf IR Kh IT **JO** KG KK MK PL Rd RO RU SK Sm Sr Tk **TR** T-S UA Uk Vl YU **SY** Buc Nym SAt Sau Tar Mrk DsA TrA Aa Tk Rk Aq Syr Tm Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 38 39 40 41 42 43 44 46 48 49 50 51 52 53 55 57 58 59 60 62 66 68 69 70 71 74 76 77 79 80
- **Lycaena (Thersamonia) thersamon thersamon (Esper,[1784])** (Lycaenidae) Synonym(s): hyllus Cramer,[1775]; thersamon Esper,[1784]; omphale Klug,1834; persica Bienert,1870; #militaris Graves,1925. Range (in codes): At Bn Ao He Kos AL AT Ba BG BY CY CZ EG Sn GR HU IL Pa Hf IT JO KG MK PL Rd RO RU SK Sm Sr TR UA Uk VI YU SY Buc Nym SAt Sau Tar Mrk T-S DsA TrA Aa Tk Rk Aq Syr Tm Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 38 39 40 41 42 43 44 46 48 49 50 51 52 53 55 56 57 58 59 60 62 66 68 69 70 71 74 76 77 79 80
- **401. Lycaena (Thersamonia) thetis (Klug,1834)** (Lycaenidae) Synonym(s): *thetis Klug,1834*. Range (in codes): GR **IQ** IR Elb Th **LB** Cc **TR** Distribution in Turkey (in codes): 01 03 04 05 06 07 08 12 13 16 24 25 29 30 32 33 35 36 38 42 46 48 49 51 58 60 62 65 66 69 70 73 75 76
- Lycaena (Thersamonia) thetis ignitus (Herrich-Schäffer,1852) (Lycaenidae) Synonym(s): #ignitus Herrich-Schäffer,1846; ignitus Herrich-Schäffer,1852; caudatus Staudinger,1901. Range (in codes): Cc TR Arr IQ Distribution in Turkey (in codes): 04 12 13 30 36 49 65 73 75 76
- **Lycaena (Thersamonia) thetis thetis (Klug,1834)** (Lycaenidae) Synonym(s): *thetis Klug,1834*. Range (in codes): GR Cc **TR** Distribution in Turkey (in codes): 01 03 05 06 07 08 16 24 25 29 32 33 35 38 42 46 48 51 58 60 62 66 69 70
- **Lycaena (Thersamonia) thetis zahaltensis (Graves,1910)** (Lycaenidae) Synonym(s): zahaltensis Graves,1910 Range (in codes): **LB** Aiz

## Lycaena (s.str.) Fabricius, 1807 (Lycaenidae) Synonym(s): Lycaena Fabricius, 1807

402. Lycaena (s.str.) phlaeas (Linnaeus,1761) (Lycaenidae) Synonym(s): phlaeas Linnaeus,1761; virgaureae Fourcroy,1785 nec Linn.,1758; eleus Fabricius,1798; aestivus Zeller,1850; schmidtii Gerhard,1853 Range (in codes): Ad Ae AF AL AM Ao As At AT Aty AZ Ba BE BG BY CH Cm CN Co Cr CY CZ DE DK EE ES FI FR GB GG GR HU IE IL IN IQ IR IT JO KG Kgs KK Kmt Ku LB Ld LT LU LV MK MN MT NL NO PK PL PT Rd RO RU SA SA SE Si SK Sm So Sr SY Ti TJ Tk TM TR UA Ui Uk Vl YE YU Cw Dv Smt Mu18 Bn Cy LY H-W Sur Ssx Ken MA DZ TN Pm Bik Ci Bl Sau Tar DsA Ax TrA KuA TeA Ket T-S Pes Mre Mus Krl JP US Cf UG ZR ET Md Mon Abt CA Msc Ab Ak B-A Bk Brz Bu By Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Prj Us Pa Hf Sml Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm US Aks Cf Cnt Col Dw Ge Id Idp Iln Io Kan Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk NMx Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Ut Vi Vr WVi Wc Wy Um Adu Bgd Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 68 69 71 72 73 74 76 78 81

Lycaena (s.str.) phlaeas phlaeas (Linnaeus,1761) (Lycaenidae) Synonym(s): phlaeas Linnaeus,1761; virgaureae Fourcroy,1785 nec Linn.,1758; eleus Fabricius,1798; aestivus Zeller,1850; schmidtii Gerhard,1853 Range (in codes): Ae AL AM Ao AT AZ Ba BE BG Bw BY CH Co Cr CY CZ DE DK EE FI FR GB GG GR HU IE IL IT JO KG LB LT LU LV MK MT NL NO PL Rd RO RU Sa SE Si SK Sm So Sr SY UA Uk VI YU Cw Dv Smt H-W Sur Ssx Ken Cc

**Lycaena (s.str.) phlaeas timeus (Cramer,[1777])** (Lycaenidae) Synonym(s): *timeus Cramer,[1777]*; *eleus Fabricius,1798*; *turcicus Gerhard,[1850]*. Range (in codes): He **IL** Hf **JO IQ** Bgd **LB** Pa **SY TR** Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 68 69 71 72 73 74 76 78 81

### **HESPERIOIDEA**

### **HESPERIIDAE** (Plates 40-42)

Carcharodus Hübner,[1819] (Hesperiidae) Synonym(s): Carcharodus Hübner,[1819]; Spilothyrus Duponchel,1835

Carcharodus (Lavatheria) Verity,1940 (Hesperiidae) Synonym(s): Lavatheria Verity,1940

**403.** Carcharodus (Lavatheria) lavatherae (Esper,[1783]) (Hesperiidae) Synonym(s): lavatherae Esper,[1783]; australior Verity,1919; pyrenaicus Ricard,1948. Range (in codes): AL AT BG BY CH DE DZ ES Mu Mu18 FR GR HU IT MA RO RU SK Sm So Sr TR IR UA VI YU Mt Ko MK SS HV B-H Ur Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 12 13 14 17 18 19 21 23 24 25 29 30 32 33 36 37 38 39 40 41 42 44 46 49 50 51 56 58 60 62 65 66 68 70 72 73 74 75 76 78

**Carcharodus (Lavatheria) lavatherae tauricus Reverdin,1915** (Hesperiidae) Synonym(s): tauricus Reverdin,1915; nigrobscurata Verity,1938. Range (in codes): AL BG B-H GG Cc GR MK RO **TR** IR YU Mt Ko Distribution in Turkey (in codes): 01 03 05 06 07 08 12 13 14 17 18 19 21 23 24 25 29 30 32 33 36 37 38 39 40 41 42 44 46 49 50 51 56 58 60 62 65 66 68 70 72 73 74 75 76 78

**404.** Carcharodus (Lavatheria) stauderi Reverdin,1913 (Hesperiidae) Synonym(s): stauderi Reverdin,1913. Range (in codes): MA AF DZ EG Sn GG Cc GR IL Js IR JO LB Bei Pa RU Sn SY TR LY Cy Distribution in Turkey (in codes): 01 05 07 23 24 27 30 31 35 36 42 44 50 58 60 65 76

Carcharodus (Lavatheria) stauderi ambiguus (Verity,1925) (Hesperiidae) Synonym(s): ambiguus Verity,1925; #fulvissima Verity,1925. Range (in codes): He AF EG GG Cc IL Js Sn IR JO LB Bei Sn TR Distribution in Turkey (in codes): 01 05 07 23 24 27 30 31 35 36 42 44 50 58 60 65 76

Carcharodus (Lavatheria) stauderi ramses Reverdin,1914 (Hesperiidae) Synonym(s): ramses Reverdin,1914. Range (in codes): EG IL JO Pa SY

#### Carcharodus (Reverdinus) Ragusa,1919 (Hesperiidae) Synonym(s): Reverdinus Ragusa,1919

**405.** Carcharodus (Reverdinus) flocciferus (Zeller,1847) (Hesperiidae) Synonym(s): flocciferus Zeller,1847; altheae Hübner,[1803] nec Esp.,[1783]; imperator Hemming,1934; alchymillae Hemming,1936; autumnalis Verity,1940. Range (in codes): MA AL AT Ba BG BY CH CZ DE ES Mu FR GR Rd HU IT LT LV PL PT RO RU Sa Si SK Sm Sr TM TR IR UA VI YU Mt Ko MK SS HV B-H KG Sp Bv Bw Rp Cc Distribution in Turkey (in codes): 08 25 30 36 53 65 69 71 75 76

Carcharodus (Reverdinus) flocciferus flocciferus (Zeller,1847) (Hesperiidae) Synonym(s): flocciferus Zeller,1847; altheae Hübner,[1803] nec Esp.,[1783]; imperator Hemming,1934; alchymillae Hemming,1936; autumnalis Verity,1940. Range (in codes): AL AT Ba BG BY CH CZ ES Mu FR GR Rd HU IT LT LV PL PT RO RU Sa Si SK Sm Sr TM TR IR UA VI YU Mt Ko MK SS HV B-H KG Sp Bv Bw DE Rp Cc Distribution in Turkey (in codes): 08 25 30 36 53 65 69 71 75 76

**406.** Carcharodus (Reverdinus) orientalis Reverdin,1913 (Hesperiidae) Synonym(s): orientalis Reverdin,1913; centralanatolica Pfeiffer,1927; #aestatis Graves,1928; aestatis Verity,1928; postorientalis Verity,1928; maccabaeus Hemming,1932. Range (in codes): IL He Pa LB AL BG BY GR JO IQ IR MK RU TR Cc UA YU HV Mt Distribution in Turkey (in codes): 01 03 05 06 07 08 10 13 14 16 17 18 19 20 21 23 24 25 27 29 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 72 73 74 76

Carcharodus (Reverdinus) orientalis orientalis Reverdin,1913 (Hesperiidae) Synonym(s): orientalis Reverdin,1913; centralanatolica Pfeiffer,1927; #aestatis Graves,1928; aestatis Verity,1928; postorientalis Verity,1928; maccabaeus Hemming,1932. Range (in codes): IL He Pa LB AL BG BY GR IQ IR MK RU TR Cc UA YU HV Mt Distribution in Turkey (in codes): 01 03 05 06 07 08 10 13 14 16 17 18 19 20 21 23 24 25 27 29 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 72 73 74 76

Carcharodus (s.str.) Hübner,[1819] (Hesperiidae) Synonym(s): Carcharodus Hübner,[1819]; Spilothyrus Duponchel,1835

**407.** Carcharodus (s.str.) alceae (Esper,[1780]) (Hesperiidae) Synonym(s): alceae Esper,[1780]; malvae Hufnagel,1766 nec Linn.,1758; malvarum Hoffmannsegg,1804; magnaustralis Verity,1924; corsicus Picard,1948. Range (in codes): AF AL AM AO AT AZ Ba BE BG BY Ch Ci CN Co Cr CZ DE ES FR Gg GG GR Rd Gs Hd Hp HU IN IQ IR IT Kab KG Kr Ku LB Ld LU MA Mre Mus NL Pag PK PL PT RO RU Sa Si SK Sm Sml So Sr TM TN TR UA Ui Uk Up Vl YE YU Mt Ko MK SS At Mn Sp Tk Aa Tm Sau Tar DsA Ax Tls TrA T-S Mu CH HV B-H DZ Bn CY IL Pa Hf Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 12 13 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 38 39 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 67 70 71 72 73 74 75 76 78 79 80

**Carcharodus (s.str.) alceae alceae (Esper,[1780])** (Hesperiidae) Synonym(s): alceae Esper,[1780]; malvae Hufnagel,1766 nec Linn.,1758; malvarum Hoffmannsegg,1804; magnaustralis Verity,1924; corsicus Picard,1948. Range (in codes): IL He Pa Hf AL AM Cc Ao AT AZ Ba BE BG Bv Bw BY CH Co Cr CZ DE DZ ES Mu FR GG GR Rd HU IR IT KG Kr **LB** LU MA NL PL PT RO Rp RU Sa Si SK Sm So Sr TN **TR** UA Uk Vl YU Mt Ko MK SS HV B-H At Mn Sp Tk Aa Syr Tm Sau Tar DsA Ax Tls TrA Bn **CY** T-S CN Ui Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 10 12 13 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 38 39 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 67 70 71 72 73 74 75 76 78 79 80

Carcharodus (s.str.) alceae insolatrix Evans,1949 (Hesperiidae) Synonym(s): #insolatrix Le Cerf,1913; insolatrix Evans,1949. Range (in codes): IR IQ AF

**Erynnis (Hesperopegasus) Seven,2002** (Hesperiidae) Synonym(s): *Hallia Tutt,[1906] nec Edwards & Haime,1850; Hesperopegasus Seven,2002*.

**408.** Erynnis (Hesperopegasus) marloyi (Boisduval,[1834]) (Hesperiidae) Synonym(s): marloyi Boisduval,[1834]; sericea Freyer,1838; rustan Kollar,[1849]. Range (in codes): AF AL BG GR IQ Rwz Shq IR Kp Fa Shr LB MK RU TM TR Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 12 13 16 17 18 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 40 42 44 46 48 50 56 58 60 62 65 66 70 71 72 73 76

**Erynnis (Hesperopegasus) marloyi marloyi (Boisduval,[1834])** (Hesperiidae) Synonym(s): *marloyi Boisduval,[1834]*; *sericea Freyer,1838*; *rustan Kollar,[1849]*. Range (in codes): **IL** He AF AL BG GR **IQ** Rwz Shq IR Kp Fa Shr **LB** MK RU TM **TR** Cc Distribution in Turkey (in codes): 01 03 04 05 06 07 08 09 12 13 16 17 18 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 40 42 44 46 48 50 56 58 60 62 65 66 70 71 72 73 76

### Erynnis (s.str.) Schrank, 1801 (Hesperiidae) Synonym(s): Erynnis Schrank, 1801

**409. Erynnis (s.str.) tages (Linnaeus,1758)** (Hesperiidae) Synonym(s): *tages Linnaeus,1758; morio Scopoli,1763; geryon Rottemburg,1775; subclarus Verity,1921.* Range (in codes): At AL AT Ba BE BG BY CH Cr CZ DE DK EE ES An Mu Mu18 FR GB GR HU IE **IQ** IR IT KG Kr **LB** LT LU LV MN NL NO PL PT RO RU Sb SE SK Sm So Sr **TR** UA VI YU Cw Dv Smt H-W Sur Ssx Ken Mt Ko MK SS HV B-H Mn Sau Tar CN Sz Ui Cc Distribution in Turkey (in codes): 01 03 05 06 07 08 11 12 13 14 16 17 18 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 49 50 51 52 54 56 58 59 62 63 65 66 67 69 70 71 73 75 76 78

**Erynnis (s.str.) tages tages (Linnaeus,1758)** (Hesperiidae) Synonym(s): tages Linnaeus,1758; morio Scopoli,1763; geryon Rottemburg,1775; subclarus Verity,1921. Range (in codes): AL AT Ba BE BG Bv Bw BY CH Cr CZ DE DK EE ES Mu FR GB GR HU IE IR IT KG Kr **LB** LT LU LV MN NL NO PL PT RO Rp RU Sb SE SK Sm So Sr UA VI YU Cw Dv Smt H-W Sur Ssx Ken Mt Ko MK SS HV B-H At Mn Sau Tar CN Sz

**Erynnis (s.str.) tages unicolor (Freyer,[1848])** (Hesperiidae) Synonym(s): *unicolor Freyer,[1848]*; #clarus Caradja,1895; magnatages Verity,1938. Range (in codes): GR **TR IQ** Cc Distribution in Turkey (in codes): 01 03 05 06 07 08 11 12 13 14 16 17 18 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 49 50 51 52 54 56 58 59 62 63 65 66 67 69 70 71 73 75 76 78

# Muschampia Tutt,[1906] (Hesperiidae) Synonym(s): Muschampia Tutt,[1906]

**410. Muschampia hieromax (Hemming,1932)** (Hesperiidae) Synonym(s): hieromax Hemming,1932 Range (in codes): **LB IL** Pa **JO** 

Muschampia hieromax hieromax (Hemming,1932) (Hesperiidae) Synonym(s): hieromax Hemming,1932 Range (in codes): LB IL Pa JO

**411. Muschampia nomas (Lederer,1855)** (Hesperiidae) Synonym(s): *nomas Lederer,1855* Range (in codes): **LB** Bei **SY TR IL** He Distribution in Turkey (in codes): 01 03 05 06 07 12 13 21 23 27 31 32 33 38 42 44 46 47 49 50 51 58 60 62 63 70 72 73

**Muschampia nomas nomas (Lederer,1855)** (Hesperiidae) Synonym(s): nomas Lederer,1855 Range (in codes): **IL** He **LB** Bei **SY TR** Distribution in Turkey (in codes): 01 03 05 06 07 12 13 21 23 27 31 32 33 38 42 44 46 47 49 50 51 58 60 62 63 70 72 73

**412. Muschampia plurimacula (Christoph,1893)** (Hesperiidae) Synonym(s): *plurimacula Christoph,1893* Range (in codes): IR Srd **TR** Distribution in Turkey (in codes): 30

**Muschampia plurimacula plurimacula (Christoph,1893)** (Hesperiidae) Synonym(s): plurimacula Christoph,1893 Range (in codes): IR Srd TR 30

**413. Muschampia poggei (Lederer,1858)** (Hesperiidae) Synonym(s): *poggei Lederer,1858* Range (in codes): GG Cc **IQ** IR **LB SY TR** AM Nv AZ Distribution in Turkey (in codes): 01 07 12 13 21 23 24 25 27 30 33 42 44 46 47 49 56 58 62 63 65 70 72 73

**Muschampia poggei poggei (Lederer,1858)** (Hesperiidae) Synonym(s): poggei Lederer,1858 Range (in codes): GG Cc **IQ** IR **LB SY TR** Nv AM AZ Distribution in Turkey (in codes): 01 07 12 13 21 23 24 25 27 30 33 42 44 46 47 49 56 58 62 63 65 70 72 73

414. Muschampia proteides (F.Wagner,1929) (Hesperiidae) Synonym(s): proteides F.Wagner,1929; lycaonius F.Wagner,1929; sovietica Sichel,1964; lycaonius Benjamini & Avni,2001 [misident.]; #lycaomius Benjamini & Avni,2001 Range (in codes): Cm IQ IR JO KG Kr LB MK Pa RU Sr TR UA Uk KG Cc AM IL Pa JO SY He Distribution in Turkey (in codes): 01 03 05 06 07 08 13 14 15 21 24 25 32 33 38 42 43 44 46 49 51 58 60 65 70 73 76

**Muschampia proteides proteides (F.Wagner,1929)** (Hesperiidae) Synonym(s): proteides F.Wagner,1929; lycaonius F.Wagner,1929; sovietica Sichel,1964; lycaonius Benjamini & Avni,2001 [misident.]; #lycaonius Benjamini & Avni,2001 Range (in codes): He Cm SY IQ IR KG Kr LB MK Pa RU Sr TR UA Uk KG Cc AM SY Distribution in Turkey (in codes): 01 03 05 06 07 08 13 14 15 21 24 25 32 33 38 42 43 44 46 49 51 58 60 65 70 73 76

**Muschampia proteides stepporum Benjamini & Avni,2001** (Hesperiidae) Synonym(s): stepporum Benjamini & Avni,2001 Range (in codes): IL Pa JO

**415. Muschampia proto (Ochsenheimer,1808)** (Hesperiidae) Synonym(s): *proto Ochsenheimer,1808* Range (in codes): IR **LB** AL ES Mu Mu18 FR GR IT PT Si **TR** YU Mt MK DZ MA MR **JO** Zq Distribution in Turkey (in codes): 01 07 27 31 33 48 70

**Muschampia proto aragonensis (De Sagarra,1924)** (Hesperiidae) Synonym(s): aragonensis De Sagarra,1924; #rubea De Sagarra,1924; #fenestrata De Sagarra,1924; nigrita Verity,1925; clarescens Agenjo,1934; evansi Bryk,1940 Range (in codes): AL IR **LB** ES Mu Mu18 GR Py Si **TR** YU Mt MK **JO** Zq Distribution in Turkey (in codes): 01 07 27 31 33 48 70

**416. Muschampia tersa Evans,1949** (Hesperiidae) Synonym(s): *tersa Evans,1949* Range (in codes): Cc AZ Nv Dk Fa **IQ** Ry IR **TR** Distribution in Turkey (in codes): 13 30 65 73

**Muschampia tersa tersa Evans,1949** (Hesperiidae) Synonym(s): tersa Evans,1949 Range (in codes): Cc AZ Nv Dk Fa **IQ** Ry IR **TR** Distribution in Turkey (in codes): 13 30 65 73

**417. Muschampia tessellum (Hübner,[1802])** (Hesperiidae) Synonym(s): tessellum Hübner,[1802]; hibisci Böber,1812; mazzola Ochsenheimer,1816 Range (in codes): AL Am Amd Bn At Ax AZ Ba BY Cm CN Fa Fe GG Cc GR IL Ir IR Ju KG KK Kno Kr Mc MK MN Na Nv Pa Pm RU Sm So Sp Sr T-A TJ TR Ts T-S UA Ui Vl TM Kp Sb Ya Sb Au Sp Mn Tk Aa TrA DsA Uk Tar Mrk Sau Ket TeA KuA Kuz Sli T-S Distribution in Turkey (in codes): 03 06 08 14 16 21 24 25 29 34 36 43 48 67 69 75 76 78 81

**Muschampia tessellum tessellum (Hübner,[1802])** (Hesperiidae) Synonym(s): tessellum Hübner,[1802]; hibisci Böber,1812; mazzola Ochsenheimer,1816 Range (in codes): AL Ba BY Cm GG Cc GR KG Kr MK RU Sm So Sr **TR** UA Vl Sp Mn Tk Aa T-S TrA DsA Uk Tar Mrk Sau Ket TeA KuA Kuz Sli Distribution in Turkey (in codes): 03 06 08 14 16 21 24 25 29 34 36 43 48 67 69 75 76 78 81

**Pyrgus Hübner,[1819]** (Hesperiidae) Synonym(s): Pyrgus Hübner,[1819]; Scelotrix Rambur,1858; Teleomorpha B.C.S.Warren,1926; Hemiteleomorpha B.C.S.Warren,1926; Ateleomorpha B.C.S.Warren,1926; Scelothrix Scudder,1875; Bremeria Tutt,1906 nec Mre.,[1896] non Alph.,1892.

**418. Pyrgus aladaghensis De Prins & Poorten,1995** (Hesperiidae) Synonym(s): aladaghensis De Prins & Poorten,1995 Range (in codes): **TR** Distribution in Turkey (in codes): 51

**Pyrgus aladaghensis aladaghensis De Prins & Poorten,1995** (Hesperiidae) Synonym(s): *aladaghensis De Prins & Poorten,1995* Range (in codes): **TR** Distribution in Turkey (in codes): 51

419. Pyrgus alveus (Hübner,[1803]) (Hesperiidae) Synonym(s): alveus Hübner,[1803]; alticolus Rebel,1910; ryffelensis Oberthür,1910; claralveus Verity,1934; confusa Renner,1991; germanica Renner,1991. Range (in codes): IR Am Bn At Kts AT Ba BE BG BY CH CN CZ DE DZ EE ES FI FR GR HU Ui Ii Ku IT Kr LT LU LV MA MK NL NO PL PT RO RU Sb SE Sj SK Sm So Sr TR Ts UA VI YU Mt Ko Kuz Sau Tar DsA KG T-S Bc Cc Distribution in Turkey (in codes): 04 08 24 25 29 30 36 51 52 53 61 62 69 75 76

**Pyrgus alveus alveus (Hübner,[1803])** (Hesperiidae) Synonym(s): alveus Hübner,[1803]; alticolus Rebel,1910; ryffelensis Oberthür,1910; claralveus Verity,1934; confusa Renner,1991; germanica Renner,1991. B-H BL Bw CH DE DK EE FR HV LT LV MK NL PL Py RU SS YU Mt Ko **TR** IR Cc Distribution in Turkey (in codes): 04 08 24 25 29 30 36 51 52 53 61 62 69 75 76

**420. Pyrgus armoricanus (Oberthür,1910)** (Hesperiidae) Synonym(s): *armoricanus Oberthür,1910; petheri Romei,1927.* Range (in codes): AL AT Ba BE BG B-H BY CH Co Cr CZ DE DK ES Mu FR GR HU HV IT MK NL PL **LB** PT RO RU Sa SE Si SK SS **TR** Cc UA YU Mt Ko DZ MA Ur Kp TM IR **IQ** Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 12 13 14 16 17 18 19 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 41 42 43 44 46 48 49 51 52 53 58 60 61 62 65 66 68 69 70 71 73 74 75 76 79

**Pyrgus armoricanus persicus (Reverdin,1913)** (Hesperiidae) Synonym(s): persicus Reverdin,1913; reverdini le Cerf,1913 nec Oberthür,1912; prostanae Pfeiffer,1927; lecerfi Verity,1928; #poatpersica Verity,1936. Range (in codes): IR **TR** GR YU BG UA RU Cc GG AM AZ **IQ** TM Kp Ur Distribution in Turkey (in codes): 01 02 03

 $04\ 05\ 06\ 07\ 08\ 09\ 12\ 13\ 14\ 16\ 17\ 18\ 19\ 23\ 24\ 25\ 26\ 27\ 28\ 29\ 30\ 32\ 33\ 34\ 35\ 36\ 37\ 38\ 39\ 41\ 42\ 43\ 44\ 46\ 48\ 49\ 51\ 52\ 53\ 58$ 60 61 62 65 66 68 69 70 71 73 74 75 76 79

Pyrgus armoricanus philonides (Hemming,1931) (Hesperiidae) Synonym(s): philonides Hemming,1931 Range (in codes): LB

Pyrgus bolkariensis De Prins & Poorten,1995 (Hesperiidae) Synonym(s): bolkariensis De Prins & Poorten,1995 Range (in codes): TR Distribution in Turkey (in codes): 42 51

Pyrgus bolkariensis bolkariensis De Prins & Poorten,1995 (Hesperiidae) Synonym(s): bolkariensis De Prins & Poorten,1995 Range (in codes): TR Distribution in Turkey (in codes): 42 51

Pyrgus carthami (Hübner,[1813]) (Hesperiidae) Synonym(s): carthami Hübner,[1813] (in codes): Ab AL AT Ba BE BG B-H Brd Bv Bw BY CH CZ DE ES Mu FR GR HU HV IR IT KG Kp LT MK Mn NL PL PT Py RO RU Sb Sk Sm So Sr SS TM TR Arr UA Uk Vl YU Mt Aq Ur Distribution in Turkey (in codes): 16 39 71

Pyrgus carthami (Hübner,[1813]) (Hesperiidae) Synonym(s): carthami Hübner,[1813] Range (in codes): AL AT Ba BE BG B-H Bv Bw BY CH CZ DE FR GR HU HV IT KG LT MK NL PL PT RO RU SK Sm So Sr SS TR Arr UA Uk Vl YU Mt Distribution in Turkey (in codes): 16 39 71

Pyrgus cinarae (Rambur, [1839]) (Hesperiidae) Synonym(s): cinarae Rambur, [1839]; cynarae Range (in codes): AL BG Cm ES GR MK RU TR Cc UA VI Ur IR Distribution in Turkey (in Boisduval,1840 codes): 01 03 05 06 08 13 15 16 22 25 29 30 33 35 36 38 42 43 53 58 60 62 65 76

Pyrgus cinarae (Rambur,[1839]) (Hesperiidae) Synonym(s): cinarae Rambur,[1839]; cunarae Boisduval,1840 Range (in codes): AL BG Cm ES GR MK RU TR Cc UA VI Ur IR Distribution in Turkey (in codes): 01 03 05 06 08 13 15 16 22 25 29 30 33 35 36 38 42 43 53 58 60 62 65 76

424. Pyrgus cirsii (Rambur, [1839]) (Hesperiidae) Synonym(s): cirsii Rambur, [1839]; turcivola De Range (in codes): CH DE ES FR IT PT SS TR IR Cc Distribution in Turkey (in codes): 08 13 24 25 36 65 69 75 76

Pyrgus cirsii (Rambur,[1839]) (Hesperiidae) Synonym(s): cirsii Rambur,[1839]; turcivola De Range (in codes): By Bw CH DE FR IT SS TR IR Cc Distribution in Turkey (in codes): 08 13 24 25 36 Lattin,1950. 65 69 75 76

425. Pyrgus jupei (Alberti, 1967) (Hesperiidae) Synonym(s): jupei Alberti, 1967; centralasiae Renner, 1991.

Range (in codes): AZ GG Cc IR Kb Kc Nv RU TR Distribution in Turkey (in codes): 08 25 29 53 75

Pyrgus jupei jupei (Alberti,1967) (Hesperiidae) Synonym(s): jupei Alberti,1967; centralasiae

Renner,1991. Range (in codes): AZ GG Cc IR Kb Kc Nv RU TR Distribution in Turkey (in codes): 08 25 29 53 75

426. Pyrgus malvae (Linnaeus, 1758) (Hesperiidae) Synonym(s): malvae Linnaeus, 1758; minor Esper,1777; sao Bergsträßer,1779; taras Bergsträßer,1780; altheae Esper,1783; malvarum Ochsenheimer,1808; cardui Latreille,1823; elegantior Verity,1934; #extrema Pfeiffer,1938. Range (in codes): AL AT At Bn Ba BE BG Bw BY CH CZ DE DK EE ES Mu FI FR GB GR HU IT KG Kr JP Hkk LT LU LV NL NO PL PT RO RU Am Us Sr Ur SE SK Sm So Sr TR T-S UA Ui VI MK YU Cw Dv Smt H-W Sur Ssx Ken Ko Mt Uk TrA DsA Tar Sau Mn Sp Aem Ax Kuz Aq CN Ui Ku Fe UZ Man Distribution in Turkey (in codes): 05 06 14 16 17 26 34 39 41 52 55 67 81

Pyrgus malvae (Linnaeus, 1758) (Hesperiidae) Synonym(s): malvae Linnaeus, 1758; minor Esper,1777; sao Bergsträßer,1779; taras Bergsträßer,1780; altheae Esper,1783; malvarum Ochsenheimer,1808; cardui Latreille,1823; Range (in codes): AL AT Ba At Bn BE BG Bv Bw BY CH CZ DE DK EE ES elegantior Verity,1934; #extrema Pfeiffer,1938. Mu FI FR GB GR HU IT KG Kr LT LU LV NL NO PL PT RO Rp RU SE SK Sm So Sr TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken Ko Mt Uk TrA DsA Tar Sau Mn Sp Aem Ax Kuz Aq T-S CN Ui Ku Fe UZ Man Distribution in Turkey (in codes): 05 06 14 16 17 26 34 39 41 52 55 67 81

Pyrgus melotis (Duponchel,[1834]) (Hesperiidae) Synonym(s): melotis Duponchel,[1834]; hypoleucos Lederer,1853; jordana Hemming,1932. Range (in codes): GR IL Pa JO LB SY TR Cc IR Elb Th Kdj Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 12 13 14 18 20 21 23 24 25 27 28 29 30 31 32 33 35  $36\ 38\ 42\ 43\ 44\ 46\ 48\ 49\ 50\ 51\ 52\ 53\ 58\ 60\ 61\ 65\ 66\ 69\ 70\ 71\ 73\ 80$ 

Pyrgus melotis graecus (Oberthür,1910) (Hesperiidae) Synonym(s): graecus Oberthür,1910 Range (in codes): TR Distribution in Turkey (in codes): 09 10 32 35

melotis melotis (Duponchel,[1834]) (Hesperiidae) Synonym(s): **Pyrgus** Duponchel,[1834]; hypoleucos Lederer,1853; jordana Hemming,1932. Range (in codes): He IL Pa JO LB SY TR Distribution in Turkey (in codes): 01 27 31 46

Pyrgus melotis ponticus (Reverdin,1914) (Hesperiidae) Synonym(s): ponticus Reverdin,1914; caucasica Rjabov,1926. Range (in codes): GG Cc TR IR Elb Th Kdj Distribution in Turkey (in codes): 02 03 04 05 06  $07\ 08\ 12\ 13\ 14\ 18\ 20\ 21\ 23\ 24\ 25\ 27\ 28\ 29\ 30\ 32\ 33\ 36\ 38\ 42\ 43\ 44\ 46\ 48\ 49\ 50\ 51\ 52\ 53\ 58\ 60\ 61\ 63\ 65\ 66\ 69\ 70\ 71\ 73\ 80$ 

428. Pyrgus serratulae (Rambur,[1839]) (Hesperiidae) Synonym(s): serratulae Rambur,[1839]; caecus Freyer,1846; occidentalis Lucas,1910 nec Skinn.,1906; planorum Verity,1925; magnagallica Verity,1931; plurisignata Range (in codes): AL AT Bn At Ba BG B-H BL BY CH CZ DE DK EE ES Silbernagel,1946; arvernensis Picard,1948. Mu FR GR HU HV Ir IT KG Kp LB LT LU LV MK PL PT Py RO RU SK So Sr SS TM TR UA Uk Vl YU Mt Ko Cc GG

AM IR **IQ** Sau Tar Mn CN Ui Distribution in Turkey (in codes): 01 03 04 05 06 07 08 12 13 14 17 18 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42 46 47 48 49 50 51 52 53 54 58 60 61 62 65 66 69 70 71 73 74 75 76

**Pyrgus serratulae alveoides (Staudinger,1901)** (Hesperiidae) Synonym(s): alveoides Staudinger,1901 Range (in codes): IQ IL He LB

**Pyrgus serratulae balcanicus (B.C.S.Warren,1926)** (Hesperiidae) Synonym(s): balcanicus B.C.S.Warren,1926 Range (in codes): BG GR MK Mt Ko **TR** YU Distribution in Turkey (in codes): 39

**Pyrgus serratulae major (Staudinger,1878)** (Hesperiidae) Synonym(s): *major Staudinger,1878* Range (in codes): GR TR Cc GG AM IR Distribution in Turkey (in codes): 01 03 04 05 06 07 08 12 13 14 17 18 23 24 25 27 28 29 30 31 32 33 34 36 37 38 42 46 47 48 49 50 51 52 53 54 58 60 61 62 65 66 69 70 71 73 74 75 76

**429. Pyrgus sidae (Esper,[1784])** (Hesperiidae) Synonym(s): *sidae Esper,[1784]* Range (in codes): AL Ba BG B-H BY ES FR GR HV IT Kp MK RO RU So Sr SS TM **TR** Cc GG UA VI YU Mt Ko KG Uk KK Na Ket Ax Ug Tls T-S Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 12 13 14 16 17 18 20 21 23 24 25 28 29 30 32 33 34 35 36 38 39 41 42 46 49 50 51 53 58 59 60 61 62 65 66 69 71 72 73 74 75 76 81

**Pyrgus sidae sidae (Esper,[1784])** (Hesperiidae) Synonym(s): *sidae Esper,[1784]* Range (in codes): AL Ba BG B-H BY ES FR GR HV IT MK RO RU So Sr SS **TR** GG Cc UA VI YU Mt Ko KG Uk KK Na Ket Ax Ug Tls T-S Distribution in Turkey (in codes): 01 03 04 05 06 07 08 10 12 13 14 16 17 18 20 21 23 24 25 28 29 30 32 33 34 35 36 38 39 41 42 46 49 50 51 53 58 59 60 61 62 65 66 69 71 72 73 74 75 76 81

Spialia Swinhoe,[1912] (Hesperiidae) Synonym(s): Spialia Swinhoe,1912

**Spialia (Neospialia) Koçak,1989** (Hesperiidae) Synonym(s): *Powellia Tutt,[1906] nec Maskell,1879; Neospialia Koçak,1989*.

**430. Spialia** (**Neospialia**) **orbifer** (**Hübner,[1823]**) (Hesperiidae) Synonym(s): *orbifer Hübner,[1823]*; *tesselloides Herrich-Schäffer,[1845]*. Range (in codes): AF AL At Kts Ba BG BY CN GR HU HV **JO 1Q** IR **LB** KG KK Kr MK RO RU Si SK Sm Sr SS **TR** AM UA Ui Vl YU Mt Ko Mn Sp Tk Aa Syr Tm Sau Mrk Tar TrA DsA Ax TeA Bl Ci Gg Kab Nwf Pag PK Sju Qu Urk Zi Shs Sng She Gor Mrw Man Nmg Br Smk Bsa Bei Aiz Zah Js Shq Dk Krd Km Amm Hal Dms Bld UA Cm Th T-S **IL** Pa Hf Rd Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 75 76 77 80

**Spialia (Neospialia) orbifer hilaris (Staudinger,1901)** (Hesperiidae) Synonym(s): *hilaris Staudinger,1901; secunda Graves,1925.*Range (in codes): **IL** Js He Pa Hf **IQ** Shq Dk IR Krd Km **LB** Bsa Bei Aiz Zah LY **SY** Hal Dms Bld **TR JO** Amm Cc

Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 75 76 77 80

**Spialia (Neospialia) orbifer orbifer (Hübner,[1823])** (Hesperiidae) Synonym(s): *orbifer Hübner,[1823]*; *tesselloides Herrich-Schäffer,[1845]*. Range (in codes): AL Ba BG GR Rd HU HV MK RO RU Si SK Sm Sr SS **TR** Vl YU UA Cm IR Th AM Cc Distribution in Turkey (in codes): 34 39 59

#### Spialia (s.str.) Swinhoe, [1912] (Hesperiidae) Synonym(s): Spialia Swinhoe, 1912

**431. Spialia (s.str.) doris (Walker,1870)** (Hesperiidae) Synonym(s): *doris Walker,1870; adenensis Butler,1885.* Range (in codes): EG EG27 EG33 EG34 EG49 EG56 EG69 EG76 Ad As BH DZ Dh DJ ER ET ET87 Hd Hj **JO** KE Nai KW OM QA SA SA39 SD Kdf SD95 SO YE TM Kp UZ PK Bl Cp Sd Krc Hyd IR Ahz Ke IN Rjp Cu

**Spialia (s.str.) doris amenophis (Reverdin,1914)** (Hesperiidae) Synonym(s): amenophis Reverdin,1914 Range (in codes): EG EG27 EG33 EG34 EG49 EG56 EG69 EG76 **JO** 

**432. Spialia (s.str.) osthelderi (Pfeiffer,1932)** (Hesperiidae) Synonym(s): *osthelderi Pfeiffer,1932* Range (in codes): AF **IQ** Su Dy TM **TR** Kp **LB** Bsa IR Shr Ke Fa Kdj Se Msh Kh KK **SY** T-S Sus Distribution in Turkey (in codes): 13 21 23 27 30 31 46 63

**Spialia (s.str.) osthelderi osthelderi (Pfeiffer,1932)** (Hesperiidae) Synonym(s): *osthelderi Pfeiffer,1932* Range (in codes): **IQ** Su Dy **TR LB** Bsa **SY** Distribution in Turkey (in codes): **13** 21 23 27 30 31 46 63

**433. Spialia (s.str.) phlomidis (Herrich-Schäffer,[1845])** (Hesperiidae) Synonym(s): phlomidis Herrich-Schäffer,[1845]; eupator Hemming,1932; kiki Higgins,1974. Range (in codes): AL BG Cr GR He IL Pa LB Ksr NaS SY Bld TR SS HV MK Mt B-H Cc AZ Nv Ord IR Srd Distribution in Turkey (in codes): 03 04 05 06 07 08 10 12 13 14 15 16 17 19 23 24 25 26 29 30 32 34 36 38 42 44 49 50 51 58 60 62 65 66 69 70 71 75 76 78

**Spialia (s.str.) phlomidis hermona Evans,1956** (Hesperiidae) Synonym(s): hermona Evans,1956. Pa He IL SY

**Spialia (s.str.) phlomidis phlomidis (Herrich-Schäffer,[1845])** (Hesperiidae) Synonym(s): phlomidis Herrich-Schäffer,[1845]; eupator Hemming,1932; kiki Higgins,1974. Range (in codes): AL BG Cr

GR **LB** NaS Ksr **TR** SS HV MK Mt B-H Cc AZ Nv Ord IR Srd **SY** Bld Distribution in Turkey (in codes): 03 04 05 06 07 08 10 12 13 14 15 16 17 19 23 24 25 26 29 30 32 34 36 38 42 44 49 50 51 58 60 62 65 66 69 70 71 75 76 78

Eogenes Mabille,1909 (Hesperiidae) Synonym(s): Eogenes Mabille,1909

**434.** Eogenes alcides Herrich-Schäffer,[1852] (Hesperiidae) Synonym(s): alcides Herrich-Schäffer,[1852] Range (in codes): T-S Bl Ci CN Cc GG AM AZ Nv Ord IR Mz IQ Kp PK TM TR Ui Ii Tk KG Distribution in Turkey (in codes): 05 08 20 23 24 25 30 35 36 42 50 56 60 62 63 65 66 72 73

**Eogenes alcides alcides Herrich-Schäffer,[1852]** (Hesperiidae) Synonym(s): *alcides Herrich-Schäffer,[1852]* Range (in codes): Cc GG **IQ TR** IR Mz AM AZ Nv Ord Distribution in Turkey (in codes): 05 08 20 23 24 25 30 35 36 42 50 56 60 62 63 65 66 72 73

**435. Eogenes lesliei Evans,1926** (Hesperiidae) Synonym(s): #lesliei Evans,1912; lesliei Evans,1926. Range (in codes): Ci IQ Mnf PK TR IR Distribution in Turkey (in codes): 56

**Eogenes lesliei elama Wiltshire,1941** (Hesperiidae) Synonym(s): *elama Wiltshire,1941* Range (in codes): **IQ TR** Mnf IR Distribution in Turkey (in codes): 56

Borbo Evans, 1949 (Hesperiidae) Synonym(s): Borbo Evans, 1949

**436. Borbo borbonica (Boisduval,1833)** (Hesperiidae) Synonym(s): borbonica Boisduval,1833; senegalensis Klug,1842; continentalis Strand,1912 Range (in codes): ZA Tva Lpo Ly MG SC Ald ES DZ MA **LB** Bei EG LY TZ SD UG KE ET DJ SO

**Borbo borbonica borbonica (Boisduval,1833)** (Hesperiidae) Synonym(s): borbonica Boisduval,1833; senegalensis Klug,1842; continentalis Strand,1912 Range (in codes): ZA Tva Lpo Ly MG ES DZ MA **LB** Bei EG LY TZ SD UG KE ET DJ SO

**Borbo borbonica zelleri (Lederer,1855)** (Hesperiidae) Synonym(s): zelleri Lederer,1855; holii Oberthür,1910 Range (in codes): LB Bei DZ MA EG LY

Gegenes Hübner, [1819] (Hesperiidae) Synonym(s): Gegenes Hübner, [1819]; Philoodus Rambur, 1842

**437. Gegenes nostrodamus (Fabricius,1793)** (Hesperiidae) Synonym(s): nostrodamus Fabricius,1793; proclea Walker,1870; karsana Moore,1874; pumiliominima Verity,1931; megalegyna Verity,1940. Range (in codes): Ad AF AL As Ben BH Bl Br Ci Cr Cu Dh DJ EG ET ER ES Mu Mu18 GR Rd Hj HV IN IT **IQ** Bgd Nsr **JO** KW **LB IL** Pa Hf MK Nwf OM Pj PK PT QA Rjp SA Sd Si SO **SY** TM **TR** Up UZ YE YU HV B-H Mt DZ MA TN Cp Rw Nwf Ksl SD Distribution in Turkey (in codes): 01 02 07 09 16 17 24 27 31 33 34 35 44 45 46 59 63

Gegenes nostrodamus nostrodamus (Fabricius,1793) (Hesperiidae) Synonym(s): nostrodamus Fabricius,1793; proclea Walker,1870; karsana Moore,1874; pumiliominima Verity,1931; megalegyna Verity,1940. Range (in codes): Ad AF AL As Ben BH Bl Br Ci Cr Cu Dh DJ EG ET ER ES Mu Mu18 GR Rd Hj HV IN IT IQ Bgd Nsr JO KW LB IL Pa Hf MK Nwf OM Pj PK PT QA Rjp SA Sd Si SO SY TM TR Up UZ YE YU HV B-H Mt DZ MA TN Cp Rw Nwf Ksl SD Distribution in Turkey (in codes): 01 02 07 09 16 17 24 27 31 33 34 35 44 45 46 59 63

**438. Gegenes pumilio (Hoffmannsegg,1804)** (Hesperiidae) Synonym(s): pumilio Hoffmannsegg,1804; pygmaeus Cyrilli,1787 nec Fabr.,1775; aetna Boisduval,1840; lefebvrii Rambur,1842; monochroa Rebel,1907. Range (in codes): He IL AL Bl Ci ES Mu FR GR Rd HV Hyb IN IT **JO** Kul MT Nwf Pj PK Si Sk **TR** Up Wa YE YU Mt DZ MA TN **IQ** IR **CY** Distribution in Turkey (in codes): 01 07 09 27 31 33 35 48

**Gegenes pumilio pumilio (Hoffmannsegg,1804)** (Hesperiidae) Synonym(s): pumilio Hoffmannsegg,1804; pygmaeus Cyrilli,1787 nec Fabr.,1775; aetna Boisduval,1840; lefebvrii Rambur,1842; monochroa Rebel,1907. Range (in codes): AC He **IL** AL AS Bl Ci Dh DJ ES Mu ET ER FR GR Rd HV Hyb IN IT **JO** Kul MT Nwf OM Pj PK SA SD SO Sa Si Sk **TR** Up Wa YE YU Mt DZ MA TN **IQ** IR **CY** Distribution in Turkey (in codes): 01 07 09 27 31 33 35 48

Pelopidas Walker,1870 (Hesperiidae) Synonym(s): Pelopidas Walker,1870; Chapra Moore,[1881]

**439. Pelopidas thrax (Hübner,[1821])** (Hesperiidae) Synonym(s): *thrax Hübner,[1821]; midea Walker,1870* Range (in codes): SD ET SO DJ KE UG SZ ZA Nta Kzu Ptb Tva Lpo Gau Mal Spb Mdk Kru Pf Ec Wca Fs Mpu Kny OM Cu **CY** EG IL Pa IN IR **IQ JO** Kre Lhj MM Mpr PK SA Sd SI **SY TR** YE Distribution in Turkey (in codes): 01 07 09 10 31 33 35 46 48

**Pelopidas thrax thrax (Hübner,[1821])** (Hesperiidae) Synonym(s): thrax Hübner,[1821]; midea Walker,1870 Range (in codes): Cu CY EG IL Pa IN IR IQ JO Kre Lhj PK SA Sd SY TR YE OM Distribution in Turkey (in codes): 01 07 09 10 31 33 35 46 48

**Hesperia Fabricius,1793** (Hesperiidae) Synonym(s): Hesperia Fabricius,1793; Pamphila Fabricius,1807; Diorthosus Rafinesque,1815; Symmachia Sodoffsky,1837 nec Hübn.,1819; Anthomaster Scudder,1872; Ocytes Scudder,1872; Urbicola Tutt.1905

440. Hesperia comma (Linnaeus,1758) (Hesperiidae) Synonym(s): comma Linnaeus,1758; virgula Retzius,1783; alpina Bath,1896; galliaemeridiei Verity,1928; alpapennina Verity,1928; alpiumflava Verity,1928; macrocomma Verity,1928; superalpina Verity,1928; atralpina Verity,1928. Range (in codes): AF AL KK At Kts AT Ba BE BG Bqu Btn BY B-H CH Ci CN CZ DE DK EE ES FI FR GB GR HU HV IN IT Ju Kbb Ku Ld Lho LT LU LV MK NL No NO PK PL PT RO RU SE Sha Si SK Sm So Sr Sz TR Ts T-S T-T SS UA Ui Up Vl Yu YU Sur Ssx Mt Ko MA DZ TN KG Uk Rk Pw Om Mn Sp Or Bs Mu Bn Amd Kg Ur Sb Tt TJ Pm Al DsA KuA TrA Tls Ax Ket IQ LB Cc GG Smt Bjo Kak Lag US MX Arz Cf Col Id Mai Mch Mns Mon NDk NMx Ne Neb Nh Org SDk Ut Wc Ws Wy Distribution in Turkey (in codes): 03 04 05 06 07 08 10 13 14 15 16 23 24 25 29 30 32 33 35 36 38 42 46 50 51 58 60 65 66 69 70 71 76 81

**Hesperia comma pallida (Staudinger,1901)** (Hesperiidae) Synonym(s): *pallida Staudinger,1901* Range (in codes): **IQ IL** He GR **LB** RU **SY TR** Cc Vl Distribution in Turkey (in codes): 03 04 05 06 07 08 10 13 14 15 16 23 24 25 29 30 32 33 35 36 38 42 46 50 51 58 60 65 66 69 70 71 76 81

Ochlodes Scudder,1872 (Hesperiidae) Synonym(s): Ochlodes Scudder,1872

**441. Ochlodes venatus (Bremer & Grey,[1852])** (Hesperiidae) Synonym(s): *venatus Bremer & Grey,[1852]* Range (in codes): IR By Th Lo Ak Ab AL AT Ba BG BL BY CH CN CZ DE DK EE ES FI FR GB GR HU IT Kr LT LU LV Mc Na NL NO PL PT RO RU SE Si SK Sm So Sr Sz Ti **TR** Ts T-T UA Ui Vl Vv Yu Cw Dv Smt H-W Sur Ssx Ken Mt Ko B-H HV SS MK **SY** KK KG Or Uk Bs Tr Cb Kg Ty Kw Pw Om No At Mn T-S Am Amd Ao Kts Mu Sp Tk At Bn Aa Db Kuz Sli Sau Tar DsA Ket Tu TeA KuA TrA Tls Ax **IQ LB** Cc Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 11 13 14 16 17 24 25 26 29 30 31 32 33 34 35 36 37 39 41 42 43 46 52 53 58 60 61 62 65 66 69 72 73 74 75 78 81

Ochlodes venatus faunus (Turati,1905) (Hesperiidae) Synonym(s): sylvanus Esper,1777 nec Dru.,[1773]; melicerta Bergsträßer,1780 nec Dru.,[1773]; faunus Turati,1905; septentrionalis Verity,1919; taurica Gaede,1931; alexandra Hemming,1934; esperi Verity,1934; nicaeensis Praviel,1948; concoulense Picard,1948; hesperodoron Kaufman,1956 Range (in codes): AL Ao AT Ba BG BL Bv Bw BY CH CZ DE DK EE ES FI FR GR HU IQ IT Kr LT LU LV NL NO PL PT RO Rp RU SE Si SK Sm So Sr TR UA Vl Mt Ko B-H HV SS MK SY KK KG Or Uk Bs Tr Cb Kg Ty Kw Pw Om No At Mn Sp Tk Aa Db Kuz Sli Sau Tar DsA Ket LB IR Ak Ab Th Lo By LB T-S Tu TeA KuA TrA Tls Ax At Bn Cc Distribution in Turkey (in codes): 01 02 03 05 06 07 08 10 11 13 14 16 17 24 25 26 29 30 31 32 33 34 35 36 37 39 41 42 43 46 52 53 58 60 61 62 65 66 69 72 73 74 75 78 81

**Thymelicus Hübner,[1819]** (Hesperiidae) Synonym(s): *Thymelicus Hübner,[1819]; Adopoea Billberg,1820; Pelion Kirby,1858.* 

**442. Thymelicus acteon (Rottemburg,1775)** (Hesperiidae) Synonym(s): acteon Rottemburg,1775; heydeni Plötz,1884; clara-obsoleta Tutt,1920; phoenix Graves,1925; aurescens Verity,1948. Range (in codes): DZ MA TN AL AT Ba BE BG B-H Bv Bw CH Cr CZ DE ES Mu FR GB GR Rd HU HV IT LU MK NL PL PT RO Rp RU Si SK Sr SS TR Cc YU Ssx He CY IL Pa Hf IQ IR LB SY Mt Ko Mu18 Distribution in Turkey (in codes): 01 05 06 07 10 11 13 16 17 19 20 21 23 24 25 29 30 32 33 34 35 36 39 43 44 45 46 48 54 55 56 58 60 62 65 72 73 74 77 78 80

**Thymelicus acteon acteon (Rottemburg,1775)** (Hesperiidae) Synonym(s): *acteon Rottemburg,1775; heydeni Plötz,1884; clara-obsoleta Tutt,1920; phoenix Graves,1925; aurescens Verity,1948.* Range (in codes): AL AT Ba BE BG B-H Bv Bw CH Cr CZ DE ES Mu Mu18 FR GB GR Rd HU HV IT LU MK NL PL PT RO Rp RU Si SK Sr SS **TR** Cc YU Ssx He **CY IL** Pa Hf **IQ** IR **LB SY** Mt Ko Distribution in Turkey (in codes): 01 05 06 07 10 11 13 16 17 19 20 21 23 24 25 29 30 32 33 34 35 36 39 43 44 45 46 48 54 55 56 58 60 62 65 72 73 74 77 78 80

**443. Thymelicus hyrax (Lederer,1861)** (Hesperiidae) Synonym(s): hyrax Lederer,1861; pfeifferi Bytinski-Salz & Brandt,1937. Range (in codes): Chi GG Cc GR IL Pa Hf IR Elb LB Le Rd Sms TR Distribution in Turkey (in codes): 01 05 06 07 08 09 13 16 18 23 24 25 27 29 30 31 33 35 36 42 46 48 65 72 73

**Thymelicus hyrax hyrax (Lederer,1861)** (Hesperiidae) Synonym(s): *hyrax Lederer,1861*; *pfeifferi Bytinski-Salz & Brandt,1937*. Range (in codes): He Chi GG Cc GR IL Pa Hf IR Elb LB Le Rd Sms TR Distribution in Turkey (in codes): 01 05 06 07 08 09 13 16 18 23 24 25 27 29 30 31 33 35 36 42 46 48 65 72 73

444. Thymelicus lineolus (Ochsenheimer, 1808) (Hesperiidae) Synonym(s): lineolus Ochsenheimer, 1808; virgula Hübner, 1813 nec Retz., 1783; ludoviciae Mabille, 1883; pallida Tutt, 1896; clara Tutt, 1905; hemmingi Romei, 1927; melissus Zerny, 1932; fornax Hemming, 1934 Range (in codes): At Kts AF AL Ao AT Ax Ba BG B-H BL BY CH CN CO CZ DE DK EE ES FI FR GB GR HU HV IL IR IT JO KG KK LB LT LU LV MA MK NL NO Pa PL PT RO RU SE Si SK Sm So Sr SS TM TR T-S UA Ui Uk VI YU Sur Ssx Ken Mt Ko DZ TN Or Bs Tt Cb Kg Ty Kt Rk Pw Ka Sp Mn No Tk Aa Mu Aq Bn Tm Kuz Sli Sau Tar DsA Ax Tls TrA T-S GG AZ Nv Ord Smt Bjo Cc IQ Mos US Cnt Col Dw Id Idp Iln Io Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk Neb Nh Nje Ny Oh Pns RDi Tnn Vi Vr WVi Wc Wy

Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 36 38 39 40 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 71 73 74 75 76 78 80

**Thymelicus lineolus lineolus (Ochsenheimer,1808)** (Hesperiidae) Synonym(s): *lineolus Ochsenheimer,1808; virgula Hübner,1813 nec Retz.,1783; ludoviciae Mabille,1883; pallida Tutt,1896; clara Tutt,1905; hemmingi Romei,1927; melissus Zerny,1932; fornax Hemming,1934* Range (in codes): Bn At Kts He AL Ao AT Ba BG BL Bv Bw BY CH Co CZ DE DK EE ES FI FR GB GR HU **IL** IT **JO** KG **LB** LT LU LV NL NO PL PT RO Rp RU SE Si SK Sm So Sr **TR** UA Uk VI YU Sur Ssx Ken Mt Ko Or Bs Tt Cb Kg Ty Kt Rk Pw Ka Sp Mn No Tk Aa Tm Kuz Sli Sau Tar DsA Ax Tls TrA **IQ** Mu T-S GG AZ Nv Ord Smt Bjo **IQ** Mos Cc Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 36 38 39 40 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 71 73 74 75 76 78 80

**445. Thymelicus novus (Reverdin,1916)** (Hesperiidae) Synonym(s): *novus Reverdin,1916* Range (in codes): **IQ** IR **TR** Distribution in Turkey (in codes): 04 05 13 21 23 25 30 46 47 56 62 65 73

**Thymelicus novus novus (Reverdin,1916)** (Hesperiidae) Synonym(s): novus Reverdin,1916 Range (in codes): **IQ** IR **TR** Distribution in Turkey (in codes): 04 05 13 21 23 25 30 46 47 56 62 65 73

**446. Thymelicus sylvestris (Poda,1761)** (Hesperiidae) Synonym(s): sylvestris Poda,1761; flava Brünnich,1763; linea Müller,1764; thaumas Hufnagel,1766; divaricatus Fourcroy,1785; venula Hübner,[1813]; obscura Verity,1905 Range (in codes): AL AT Ba BE BG BY CH CZ DE DK EE ES Mu FR GB GR HU IT **JO** Kr **LB** LT LU LV MK NL PL PT RO RU Si SK Sm So Sr **TR** UA Vl YU Cw Dv Smt H-W Sur Ssx Ken MA DZ IR Cc GG AZ AM **SY IQ** Mnf Ur Or Bs Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 56 58 60 61 62 63 64 65 66 67 69 70 71 72 73 74 75 76 78 81

**Thymelicus sylvestris sylvestris (Poda,1761)** (Hesperiidae) Synonym(s): sylvestris Poda,1761; flava Brünnich,1763; linea Müller,1764; thaumas Hufnagel,1766; divaricatus Fourcroy,1785; venula Hübner,[1813]; obscura Verity,1905 Range (in codes): AL AT Ba BE BG Bv Bw BY CH CZ DE DK EE ES FR GB GR HU IT Kr LT LU LV MK NL PL PT RO Rp RU Si SK Sm So Sr **TR** UA VI YU Cw Dv Smt H-W Sur Ssx Ken Ur Or Bs

**Thymelicus sylvestris syriacus (Tutt,[1905])** (Hesperiidae) Synonym(s): *syriacus Tutt,[1905]*; maxima Verity,1936; werneri Rebel,1937. Range (in codes): **IL** He Pa **JO LB TR** GR IR Cc GG AZ AM **SY IQ** Mnf Distribution in Turkey (in codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 56 58 60 61 62 63 64 65 66 67 69 70 71 72 73 74 75 76 78 81

Carterocephalus Lederer,1852 (Hesperiidae) Synonym(s): Carterocephalus Lederer,1852; Aubertia Oberthür,1896; Pamphilida Lindsey,1925.

**447.** Carterocephalus palaemon (Pallas,1771) (Hesperiidae) Synonym(s): palaemon Pallas,1771; paniscus Fabricius,1775; brontes [Denis & Schiffermüller],1775; mesapano Scudder,1868; skada Edwards,1870. Range (in codes): Bn At Kts AT Ba BE BG B-H BY CH CZ DE EE ES FI FR GB Cc GG Smt Bjo GR HU HV IT LT LU LV NL NO PL RO RU SE SK Sm So Sr SS **TR** UA MK Ir RU Sb Kuz Sli Or Bs Tt Ur Cb Om No JP Hdo US Cf Cnt Id Mai Mch Mns Mon Msc NDk Nh Nje Org Pns Vr Wc Ws Wy Als Kod CN Ui CA Yuk BCo Abt Ssk Mnt On Qb Lbr Nfl DMk DKe Distribution in Turkey (in codes): 16 53

Carterocephalus palaemon palaemon (Pallas,1771) (Hesperiidae) Synonym(s): palaemon Pallas,1771; paniscus Fabricius,1775; brontes [Denis & Schiffermüller],1775; mesapano Scudder,1868; skada Edwards,1870. Range (in codes): Kts AT Ba BE BG B-H Bv Bw BY CH CZ DE EE ES FI FR GB GG Smt Bjo Cc GR HU HV IT LT LU LV NL NO PL RO Rp RU SE SK Sm So Sr SS TR UA MK Distribution in Turkey (in codes): 16 53

Heteropterus Duméril, 1806 (Hesperiidae) Synonym(s): Heteropterus Duméril, 1806

**448. Heteropterus morpheus (Pallas,1771)** (Hesperiidae) Synonym(s): morpheus Pallas,1771; speculum Rottemburg,1775; steropes Denis & Schiffermüller,1775; aracinthus Fabricius,1777; speculifer Fourcroy,1785. Range (in codes): AT Ba BE BG B-H BY CH CZ DE DK EE ES FI FR HU HV IT Kr LT LV NL PL RO RU SE SK Sm So Sr SS **TR** UA YU Or Bs Kg Ty Om At Bn CN Mc Shs KP KR Distribution in Turkey (in codes): 34 39

**Heteropterus morpheus morpheus (Pallas,1771)** (Hesperiidae) Synonym(s): morpheus Pallas,1771; speculum Rottemburg,1775; steropes Denis & Schiffermüller,1775; aracinthus Fabricius,1777; speculifer Fourcroy,1785. Range (in codes): AT Ba BE BG B-H BY CH CZ DE DK EE ES FI FR HU HV IT Kr LT LV NL PL RO RU SE SK Sm So Sr SS **TR** UA YU Or Bs Kg Ty Om At Bn CN Mc Shs KP KR Distribution in Turkey (in codes): 34 39

# **Bibliography**

The following selected 1011 publications are based upon mainly the butterfly fauna, taxonomy, ecology, bionomy of Turkey, Cyprus, Syria, Lebanon, Israel, Jordan and Iraq.

- 1. **Abadjiev,S. & J.Ganev**, 1990, Anthocharis gruneri macedonica (Buresch,1921) syn.nov. of Anthocharis gruneri gruneri (Herrich-Schäffer,1851) (Lepidoptera, Pieridae). Phegea 18 (2): 65-66.
- 2. **Ackery, P.R.**, 1973, A list of the type-specimens of Parnassius in the British Museum (Natural History). Bull. Br. Mus. (Nat. Hist.) Ent. 29: 1-35.
- **3. Ackery, P.R.**, 1975, A Guide to the genera and species of Parnassiinae (Lepidoptera, Papilionidae). Bull. Br. Mus. (Nat. Hist.) Ent. 31 (4): 71-105, 32 figs., 16 pls.
- 4. Ackery, P.R., Smith, C.R. & R.I. Vane-Wright, 1995, Carcasson's African Butterflies. An annotated Catalogue of the Papilionoidea and Hesperioidea of the Afrotropical Region. xi+803pp., CSIRO Publ., Australia.
- 5. Aigner-Abafi, L.v., 1906, Neue Falterformen aus Ungarn. Ent. Z., Stuttgart 19: 207-209.
- **6. Akbulut,S., Yüksel,B. & A.Keten**, 2003, The Lepidoptera (Insecta) Fauna of Düzce Province, Turkey. Türk J. Zool. 27: 257-268 [with some nomenclatural errors!].
- 7. Akın,Ç., 2000, Edirne kelebekleri hakkında notlar (Lepidoptera). Centr. ent. Stud., Misc. Pap. 63: 5-8.
- 8. Alberti, B. & K. Fritsch, 1983, Über einige bemerkenswerte Funde von Lepidoptera aus dem Grossen Kaukasus. Nota lepid. 6 (4): 192-202, figs.
- 9. Alberti, B., 1928, Über Lycaena thersites Cant. Dt. ent. Z. 1928: 211-217.
- 10. Alberti,B., 1955, Zur Kenntnis der Gattung Carcharodus Hbn., mit einer Betrachtung zum Art-, und Gattungsbegriff. Z. Lepid. 3: 105-142, figs.
- 11. Alberti, B., 1955, Eine neue Vikariante der Pyrgus malvae L.-Gruppe (Lep., Hesperiidae). Z. Wien. ent. Ges. 40: 43-46, figs.
- **12. Alberti,B.,** 1964, Über Verbreitungsbild und systematische Wertung von Carcharodus orientalis Rev. and altheae Hbn. (Lepidoptera, Hesperiidae). Z. wien. ent. Ges. 49: 99-103, figs.
- **13. Alberti,B.,** 1973, Zweite Mitteilung ueber einige neue oder bemerkenswerte Lepidopteren-Formen aus dem Grossen Kaukasus und Transkaukasien (Lepidoptera). Atalanta 4(6): 380-393, 2 pls.
- **14. Alberti,B.**, 1973, Ergänzende Bemerkungen zu Higgins & Riley " A field guide to the butterflies of Britain and Europe", nebst Beschreibung der Lycaena pyrenaica latedisjuncta n.subsp. Ent. Z., Frankf. a. M. 83: 217-223.
- **15. Alberti,B.,** 1974, Ergebnisse der tschekoslovakisch- iranischen entomologischen Expedition nach der Iran 1970 (mit Angaben ueber einige Sammelresultate in Anatolien). Nr.5 Lepidoptera: Hesperiidae, Syntomidae, Zygaenidae. Acta ent. Mus. natn. Pragae (suppl.) 6: 79-85.
- **16. Alberti,B.,** 1974, Zur Kenntnis der Artgruppe um Melitaea athalia im Kaukasus (Lepidoptera, Nymphalidae). Ent. Z., Frankf. a. M. 84: 157-164, figs.
- 17. Alberti, B., 1984, Zur Taxonomie der Pyrgus alveus Hb.- Gruppe (Lepidoptera, Hesperiidae). Nota lepid. 7 (1): 2-6.
- **18. Albrecht,M., Goldschalt,M. & R.Treiber,** 1999, Der Heilziest-Dickkopffalter Carcharodus floccifera (Zeller,1847) (Lepidoptera, Hesperiidae). Nachr. ent. Ver. Apollo, Suppl. 18: 1-256, 76 Abb. Tab.
- **19. Alpheraky,S.N.,** 1881, Lépidopteres du district de Kouldja et des montagnes environnantes. Iere Partie. Rhopalocera. Horae Soc. ent. ross. 16: 334-435, pls.
- 20. Alpheraky, S.N., 1883, Ueber die Gattung Colias F. Stettin ent. Ztg. 44: 488-495.
- **21. Alpheraky,S.N.,** 1913, Quelques donnes sur les races de la Zegris eupheme Esper. Etud. Lepid. comp. 7: 221-234.
- **22. Altınayar,G.**, 1981, Orta Anadolu Bölgesi tahıl tarlalarındaki böcek faunasının saptanması üzerine çalışmalar. Bitki Koruma Bült. 21 (2): 53-88 [80-81].
- **23**. **Amr,Z.S.**, **Al-Melhim,W.N.**, **Katbeh-Bader,A. & W.Schneider**, 1997, On the common Insecta of Al Azraq, Jordan. Entomologist's Gaz. 48: 55-66.
- **24. Amsel,H.G.,** 1933, Die Lepidopteren Palästinas. Eine zoogeographisch-ökologisch-faunistische Studie. Zoogeographica 2(1): 1-146.
- **25. Anonymous**, 2008, Catalogue of Life: 2008 annual checklist.- http://www.catalogueoflife.org/annual-checklist/2008/ [last accessed: 10.xi.2008].
- **26. Atahan,A., Bozacı,V., Çelikkaya,D., Gül,O., Hançer,M. & K.Şimşek**, 2009, Illustrated list of the butterflies of İzmir Province (Turkey). Cesa News 45: 1-132, 239 figs.
- **27. Aussem,B.**, 1978, Beitrag zur systematischen Stellung von Pseudochazara graeca und Beschreibung einer neuen Subspecies (Lep., Satyridae). Ent. Z., Frankf. a. M. 88 (3): 13-22, 21 Abb.
- **28. Aussem,B.**, 1980, Ein Freiland-Hybrid der Gattung Pseudochazara (Lepidoptera, Satyridae). Satyriden-Studie 2. Ent. Z., Frankf. a. M. 90 (15): 161-165, Abb.

- **29. Aussem,B.**, 1980, Satyriden-Studie I. Zur Kenntnis der Androkonienfelder von Pseudochazara telephassa (Geyer,1827) und Pseudochazara anthelea (Hübner,1824). Entomofauna 1: 354-356.
- 30. Austaut, J.L., 1889, Les Parnassiens de la faune Palearctique. 222pp., 32 Pls., Leipzig.
- **31. Ayberk,H. & E.Akkuzu**, 2007, Contributions to the knowledge of Papilionoidea (Lepidoptera, Rhopalocera) fauna from northern Cyprus. Pak. J. Biol. Sci. 10 (11): 1845-1849.
- **32.** Back,W. & R.Leestmans, 2001, Une nouvelle sous-espèce d'Euchloe penia (Freyer,1852) du Nord-Ouest de l'Iran: taleschicus ssp. nova (Lepidoptera, Pieridae). Linneana Belg. 18 (4): 193-198, figs.
- **33. Back,W. & U.Eitschberger,** 1976, Die Unterarten von Euchloe charlonia Donzel,1842. Atalanta 7 (3): 142-160, pls.
- **34.** Back, W. & U.Eitschberger, 1977, Corrigenda und Ergänzungen zu dem Beitrag "Die Unterarten von Euchloe charlonia Donzel,1842". Atalanta 8 (1): 40.
- **35. Back, W.,** 1984, Die Präimaginalstadien von Euchloe falloui Allard, 1867 (Lep., Pieridae). Atalanta 15 (1/2): 165-166, Taf.
- **36. Back,W.,** 1991, Taxonomische Untersuchungen innerhalb der Artengruppe um Euchloe ausonia (Hübner,1804) (Lepidoptera, Pieridae). Atalanta 21 (3/4) (1990): 187-206, Taf. ii,iii.
- **37. Back,W.,** 1991, Die Präimaginalstadien von Euchloe charlonia (Donzel,1842) im Vergleich zu Euchloe penia (Freyer,1852) und Euchloe transcaspica ssp. amseli (Gross & Ebert,1975) (Lepidoptera, Pieridae). Atalanta 22 (2/4): 357-366, Pls.
- **38.** Baldock, D.W. & R.F.Brentherton, 1988, Some butterflies from Turkish Asia Minor. Entomologist's Rec. J. Var. 100: 133-134.
- **39. Balint,Z. & A.Kertesz,** 1990, A survey of the subgenus Plebejides (Sauter,1968) preliminary revision. Linneana Belgica 12 (5): 190-224, figs.
- **40. Balint, Z. & K.Johnson**, 1997, Reformation of the Polyommatus section with a taxonomic and biogeographic overview (Lepidoptera, Lycaenidae, Polyommatini). Neue ent. Nachr. 40: 1-68, Pls., figs.
- **41. Balint,Z.,** 1999, Annotated list of the type specimens of Polyommatus sensu Eliot of the Natural History Museum London (Lepidoptera, Lycaenidae). Neue ent. Nachr. 46: 1-89, 4 Pls.
- **42. Balint, Z., Kertesz, A. & V.A. Lukhtanov**, 1992, A survey of the subgenus Plebejides Sauter, 1968 (Lepidoptera, Lycaenidae). Ent. Obozr. 71 (4): 863-886, 74 figs.
- **43. Balletto,E. & G.G.Toso,** 1980, Valeur taxonomique de la conformation des tegulae dans le genre Agrodiaetus Hübner (Lycaenidae). Nota lepid. 3(1/2): 33-38, figs.
- **44. Bang-Haas, A.**, 1907, Neue oder wenig bekannte palaearctische Macrolepidopteren. Dt. ent. Z., Iris 20: 69-88, Taf.
- **45. Bang-Haas, A.**, 1910, Neue oder wenig bekannte palaearktische Macrolepidopteren. Dt. ent. Z., Iris 24: 27-51, 2 Taf.
- **46. Bang-Haas,O.,** 1927, Horae Macrolepidopterologicae regionis palaearcticae Vol. 1. Neubeschreibungen und Berichtigungen der Palaearktischen Lepidopterenfauna. xxviii+ 128S. 11 Taf. Dresden-Blasewitz.
- **47. Bang-Haas,O.,** 1930, Novitates Macrolepidopterologicae Band vi.Neubeschreibungen des Jahres 1929. Faunenverzeichnisse der Jahre 1758 bis 1930. Dresden-Blasewitz.
- **48. Bang-Haas,O.,** 1937, Neubeschreibungen und Berichtigungen der Palaearktischen Macrolepidopterenfauna xxviii. Ent. Z., Frankf. a. M. 51: 35-36.
- **49. Baraniak, E., Bakowski, M. & J. Nowacki**, 1994, A Contribution to the Knowledge of the Lepidoptera of European Turkey Part I. Macrolepidoptera. Cent. ent. Stud., Misc. Pap. 9: 1-5.
- **50. Baron,T.,** 2007, Araschnia levana (Lepidoptera, Nymphalidae), a new species for the Turkish fauna. Phegea 35 (2): 65-68, fig. [see also Göbekçioğlu,Z. & N.Aktaç,1990]
- **51. Başaran,A.**, 1975, Diyarbakır ve Çevresi Gündüz Kelebeklerinin Sistematik Araştırılması. Diyarbakır Üniv. Tıp Fak. Derg. 3 (3): 529-547.
- 52. Battenfeld, P., 1981, Reiseerlebnisse in Israel. Nachr. ent. Ver. Apollo (N.F.) 2(2): 64-68.
- **53. Bell,E.L. & W.P.Comstock,** 1941, The synonymy of Papilio coridon Poda, Papilio phocion Fabricius and others. Jl. N. Y. ent. Soc. 49: 371-374.
- **54. Belter,G.,** 1934, Neues aus der Melitaea didyma Esp.- Gruppe, mit Berücksichtigung des Materials des Deutschen Entomologischen Instituts. Arb. morph. taxon. Ent. Berl. 1: 105-115, figs.
- 55. Belter, G., 1935, Zwei neue Brenthis-Rassen aus Kleinasien. Ent. Z., Frankf. a. M. 49: 71-72.
- **56. Benyamini,D.,** 1983, Distribution list of the butterflies of Israel west of the Jordan river (Lepidoptera). Israel J. Ent. 17: 23-36, maps.
- **57. Benyamini,D.,** 1987, The butterflies of Mt. Hermon. News Israeli lepidopterists Soc. 4(2): 4-7, 11-15 [in Hebrew].
- **58. Benyamini,D.,** 1988, The zoogeography of the butterflies (Lepidoptera, Rhopalocera) of Israel and nearby areas. Monogr. biol. 62: 309-324, 6 figs.
- **59. Benyamini,D.**, 1990, Gomalia elma Trimen,1862, new to Israel and the Palaearctic Region (Lepidoptera, Hesperiidae). Nota lepid. 12 (4): 238-245, figs.
- **60. Benyamini,D.,** 1990, A field guide to the butterflies of Israel including butterflies of Mt. Hermon and Sinai. 234 pp. Keter Publishing House Ltd. [in Hebrew].

- **61. Benyamini,D.,** 1993, The butterflies of Mt. Hermon (Lepidoptera, Rhopalocera and Hesperiidae). Linneana Belgica 14 (4): 167-204, 6 pls., 4 tab., 4 figs.
- **62. Benyamini,D.,** 1999, The biology and conservation of Iolana alfierii Wiltshire,1948 the Burning Bush Blue (Lepidoptera, Lycaenidae). Linneana Belg. 17 (4): 119-134, 7 figs., 3 pls.
- **63. Benyamini, D.,** 2000, Pseudophilotes jordanicus a new relict species of the SE. Mediterranean (Lepidoptera, Lycaenidae). Linneana Belgica 17 (8): 359-370, figs.
- **64. Benyamini, D. & M.Avni**, 2001, Muschampia proteides stepporum subsp.nov. from the steppe belts of eastern Israel and western Jordan (Lepidoptera, Hesperiidae). Linneana Belgica 18 (1): 45-54, figs.
- **65. Bergsträßer, J.A.B.**, 1779, Nomenclatur und Beschreibung der Insekten in der Grafschaft Hanau Münzenberg, wie auch der Wetterau und der angrenzenden Nachbarschaft dies- und jenseits des Mains 2: 1-79, Pls. 15-48. Hanau.
- **66. Bergsträßer, J.A.B.**, 1779, Nomenclatur und Beschreibung der Insekten in der Grafschaft Hanau Münzenberg, wie auch der Wetterau und der angrenzenden Nachbarschaft dies- und jenseits des Mains 3: 1-48, Pls. 49-72. Hanau.
- **67. Bernardi,G. & M.Lagnel**, 1966, Une espèce jumelle méconnue du genre Maniola Schrank (Lep., Nymphalidae, Satyrinae). Bull. Soc. ent. Fr. 71: 35-40, 11 figs.
- 68. Bernardi, G., 1945, Etudes sur le genre Euchloe Hb. (Lep., Pieridae). Misc. Ent. 42: 65-103, Pls.
- **69. Bernardi,G.**, 1957, Contribution a l'étude des pseudodualspecies: une nouvelle espece iranienne d'Euchloe Hb. (Lep., Pieridae). Bull. Soc. ent. Fr. 62: 38-41, 4figs.
- **70. Bernardi,G.**, 1970, Note sur la Variation géographique d'Allancastria cerisyi Godart (Papilionidae). Lambillionea 70: 55-64.
- 71. Bernardi, G., 1970, La Variation géographique de l'Anthocharis grüneri H.S. Lambillionea 70: 1-13, figs.
- **72. Bethune-Baker,G.T.**, 1913, Notes on the specific distiction of certain species in the orbitulus and pheretiades section of the genus Plebeius. Trans. ent. Soc. London 1913: 205-212, pls.vi-viii.
- 73. Betti, G., 1977, Nouvelles sous-especes des Lycaenidae paléarctiques. Alexanor 10 (2): 87-95, Tab.i-iv.
- **74. Betti,G.**, 1989, Contribution a la connaissance des Parnassius d'Anatolie (Lepidoptera, Papilionidae). Linneana Belg. 12 (2): 67-76, 3 figs.
- 75. Beuret, H., 1951, Eine interessante Form von Aricia agestis Schiff. Mitt. ent. Ges. Basel 1: 53-55, fig.
- **76. Beuret,H.,** 1952, Palaeochrysophanus candens H.S., eine bisher verkannte Art (Lycaenidae). Mitt. ent. Ges. Basel 2: 57-64, figs.
- 77. **Beuret,H.**, 1958, Zur systematischen Stellung einiger wenig bekannten Glaucopsychidi (Lep., Lycaenidae). Mitt. ent. Ges. Basel 8: 61-79, 81-100, pls.
- 78. Billberg, G.J., 1820, Enumeratio insectorum in Museo Billberg, 138pp., Holmiae.
- **79. Blaschke,P.,** 1914, Die Raupen Europas mit ihren Futterpflanzen. 29+264+75S. 28 Taf. Grasers Verlag, Annaberg.
- 80. Bodenheimer, F.S., 1932, Beitrag zur Kenntnis der Lepidopterenfauna Palästinas. Dt. ent. Z., Iris 46: 93-96.
- **81. Bodenheimer,F.S.**, 1941, Türkiye Entomolojisi II. Türkiye Haşerat Familyalarının Resimli Teşhis Anahtarı. 103 S., xxxiii Tablo. T.C. Ziraat Vekaleti Neşriyatı, Sayı 531, Nebat Hastalıkları 7, Çankaya Matbaası, Ankara.
- **82. Bodenheimer,F.S.,** 1951, Citrus Entomology in the Middle East with special references to Egypt, Iran, Irak, Palestine, Syria, Turkey. xii+663pp. s'Gravenhage.
- 83. Bohatsch,O., 1886, Beitrag zur Lepidopterenfauna Transkaukasiens. Wien. ent. Ztg. 5: 123-128, 200-203.
- **84. Boisduval, J.B.A.**, 1836, Histoire naturelle des Insectes. Spécies général des Lépidopteres vol.1, [4]+ xii + 690 + 6pp., 24 pls. Paris.
- **85. Boisduval, J.B.A.**, 1848, Note relative aux Lépidopteres recueillis par Kindermann aux environs d'Odessa et au pied du Caucase. Annls Soc. ent. Fr. 2(6): xxviii- xxx.
- **86. Bollino, M. & G.Sala**, 1992, Papilio alexanor eitschbergeri, a new subspecies from Samos Island (Greece) and Western Turkey (Lepidoptera, Papilionidae). Atalanta 23(1/2): 127-131, pl.vii.
- **87. Bollino,M. & G.Sala**, 1995, Considerations about proposed synonymy of some Papilio alexanor subspecies (Lepidoptera, Papilionidae). Nachr. ent. Ver. Apollo (N.F.) 16(2/3): 253-258.
- 88. Bollow, C., 1929, Gattung Parnassius Latr. [In] Seitz, A., Die Gross-Schmett. Erde (suppl.) 1: 20-91, pls. Stuttgart.
- 89. Bollow, C., 1929-1930, Gattung Parnassius Latr. [In] Seitz, A., Gross-Schmett. Erde, Suppl. 1: 20-83. Stuttgart.
- 90. Bollow, C., 1930, Familie Pieridae. [In] Seitz, A., Die Gross-Schmett. Erde, Suppl. 1: 96-125. Stuttgart.
- 91. Bollow, C., 1930, Familie Nymphalidae. Gruppe: Apaturidi. [In] Seitz, A., Die Gross-Schmett. Erde, Suppl. 1: 191-196. Stuttgart.
- **92. Bollow,C.**, 1930, Subfam. Nymphalinae. [In] Seitz, A., Die Gross-Schmett. Erde (suppl.) 1: 191-198, pl. Stuttgart.

- **93. Bollow,C.**, 1930, Fam. Lycaenidae (Gattung Virachola-Taraca). [In] Seitz, A., Die Gross-Schmett. Erde (suppl.) 1: 251-306, pls. Stuttgart
- 94. Bollow, C., 1930, Fam. Pieridae. [In] Seitz, A., Die Gross-Schmett. Erde (suppl.) 1: 93-125, pls. Stuttgart.
- 95. Bollow, C., 1930-1931, Familie Lycaenidae. [In] Seitz, A., Die Gross-Schmett. Erde (Suppl.) 1: 249-296. Stuttgart.
- **96. Bollow, C.,** 1931, Nachträge zur Familie Papilionidae, Pieridae, Satyridae (Lethe-Erebia). [In] Seitz, A., Die Gross-Schmett. Erde (suppl.) 1: 327-339, pl. Stuttgart.
- 97. Bollow, C., 1931, Nachträge zu den Lycaenidae (Gruppe der Lycaenini), Hesperiidae. [In] Seitz, A., Die Gross-Schmett. Erde (suppl.) 1: 353-354. Stuttgart.
- **98. Bollow, C.,** 1931, Nachträge zur Fam. Nymphalidae (Nymphalinae). [In] Seitz, A., Die Gross-Schmett. Erde (suppl.) 1: 341-342. Stuttgart.
- **99. Borkhausen, M.B.**, 1788, Naturgeschichte der europäischen Schmetterlinge nach systematischer Ordnung, Tome 1. 288pp. Frankfurt.
- **Boudinot, J.**, 1986, Observations sur le cycle biologiques d'Azuritis reducta (Stgr.) (Lepidoptera, Nymphalidae) Alexanor 14 (7): 315-322, 12 figs.
- **101. Boudinot,J.**, 1986, Description d'un genre nouveau parmi les Limenitini paléarctiques (Lepidoptera, Nymphalidae) Nouv. Rev. Ent. (n.s.) 2 (4): 403-409.
- **Bourgogne, J.**, 1951, Ordre des Lépidopteres, [in] Grassé, P.P., Traité de Zoologie. 10(1): 174-448, figs. 192-437, pls. Masson et C. Paris.
- **Bozano, G.C.**, 1990, A contribution to the knowledge of the butterfly fauna of East Jordan. Nota lepid. 13 (1): 2-7.
- **Bramson, K.L.**, 1910, Analytische Uebersicht der Formen von Melitaea didyma O. Horae Soc. ent. ross. 39: 391-410.
- **105. Bridges, C.A.**, 1988, Catalogue of the family-group genus-group and species-group names of the Hesperioidea (Lepidoptera) of the World. Urbana Illinois (Sebstverlag).
- **106. Brink,H.v.d. & H.v.Oorschot,** 1996, Additions and corrections to "Die Tagfalter der Türkei". I.Interesting observations of butterflies in Turkey during the 37th expedition of the "Werkgroep Grieks-Turkse dagvlinders" (Lepidoptera: Hesperiidae, Pieridae, Lycaenidae). Phegea 24(1): 19-23, 1 fig. Pl.1.
- **Bros, E.de,** 1991, Beitrag zur Kenntnis der Lepidopteren-Fauna von Antalya und des lykischen Taurus in der Südwesttürkei. Mitt. ent. Ges. Basel 41(4): 112-135, 6 Abb.
- **Bros, E.de**, 1994, Corrigenda zum "Beitrag zur Kenntnis der Lepidopteren-Fauna von Antalya und des lykischen Taurus in der Südwesttürkei" (Mitt. ent. Ges. Basel 41(4), 112-135,1991). Mitt. ent. Ges. Basel 44(2): 74-75.
- **Brown,J.**, 1976, A Review of the genus Pseudochazara de Lesse 1951 (Lep., Satyridae) in Greece. Entomologist's Gaz. 27: 85-90, 13 figs.
- 110. Bryk, F. & C. Eisner, 1930, Parnassius apollo L. in Klein-Asien. Parnassiana 1 (4): 1-3, figs.
- 111. Bryk, F. & C. Eisner, 1931, Parnassius mnemosyne L. in Klein-Asien. Parnassiana 1 (7/8): 1-3 figs.
- Bryk,F. & C.Eisner, 1934, Zwei neue Rassen von P. mnemosyne L. aus Armenien. Parnassiana 3: 38-39, figs. 3-4.
- 113. Bryk,F. & C.Eisner, 1935, Zur Prazisierung des Fundortes von P. apollo ssp. graslini Oberth. Parnassiana 3: 67-68, 3 figs.
- **Bryk,F.**, 1912-1914, Parnassiana v. Zur Synopsis der asiatischen Mnemosyne. Societas Ent. 27 (1912): 24-25, 38-40, 48-50, 52-53, 61-62, 87-89, 99-101, 106-107, 25 figs.; ibid. 28 (1913): 14-16; 29 (1914): 42-44, 66-71, figs.
- **Bryk,F.**, 1914, Randbemerkungen zu Dr. Pagenstechers Parnassius apollo in Kaukasien. Mitt. münch. ent. Ges. 4: 70-74, figs.
- 116. Bryk,F., 1914, Neue Parnassiiden. Mitt. münch. ent. Ges. 5: 26-34, figs. 1-2, pl.1.
- 117.**Bryk,F.**, 1914-1915, Über das Abändern von Parnassius apollo L. Untersuchungen über Biologie und Zeichnunsgsverhältnisse des Formenkreis Parnassius apollo L. Arch. Naturgesch. 80 A (5): 131-160, figs. 1-9, pl. 1-3 [1914]; (6): 149-180, figs. 10-29, pl.4-8 [1914]; (7): 153-184, figs. 30-36, pl.9-13 [1915]; (8): 143-174, pl.14-21 [1915]; (9): 133-164, pl.22-29 [1915]; (10): 147-167, pl.30-35 [1915].
- **118. Bryk,F.,** 1923, Baroniidae, Teinopalpidae, Parnassiidae. [in] Strand,E. Lepidopterorum Catalogus 24 (27): 1-247.
- **Bryk,F.**, 1932, Neue Zerynthiinae. Parnassiana 2: 102-104.
- **Bryk,F.**, 1934, Lepidoptera Baroniidae, Teinopalpidae, Parnassiidae Pt.1 Tierreich 64: xxiii + 129 pp., 87 figs.
- **Bryk,F.**, 1935, Lepidoptera Parnassiidae Pt.II (Subfam. Parnassiinae). Tierreich 65: li + 788 pp., 698 figs.
- **Bryk,F.,** 1940, Geographische Variabilität von Melitaea didyma (Esper). Folia zool. hydrobiol. 10: 293-353, 6 pls.
- **Buresch,I.,** 1915, Biology of Doritis apollinus Hbst. and its distribution in the Balkan Peninsula. Spis. bulg. Akad. Nauk. 12: 15-36.

- Burr, M., 1944, Parnassius apollo, race kosswigi, de Lattin. Entomologist's Rec. J. Var. 56: 41, 57-58.
- 125. Burr, M., 1944, Bithynian Mt. Olympus. Entomologist's Rec. J. Var. 56: 100-104.
- **126. Butler,A.G.**, 1865, Description of six species of diurnal Lepidoptera in the British Museum Collection. Proc. zool. Soc. London 1865: 430-434, Pl 25.
- **Butler, A.G.**, 1868, An Essay towards an arrangement of the genera of the family Satyridae. Entomologist's mon. Mag. 4: 193-197.
- **Butler, A.G.**, 1868, Catalogue of Diurnal Lepidoptera of the family Satyridae in the Collection of the British Museum. 211 pp. 5 Pls. London.
- **Butler, A.G.**, 1870, Catalogue of diurnal lepidoptera described by Fabricius in the collection of the British Museum. 303 pp. 2 pls. London.
- **130. Butler, A.G.**, 1898, Revision of the Pierine butterflies of the genus Terias of the Old World. Ann. Mag. nat. Hist. 7 (1): 56-82.
- **Buxton, D.A.J.**, 1916, Lepidoptera at the Dardanelles. Entomologist's Rec. J. Var. 28 (10): 213-217.
- **132. Canterer,L.P.,** 1834-[1835], Histoire naturelle des Lepidopteres Rhopaloceres ou Papillons diurness, des Departments des Haut et Bas-Rhin, de la Moselle, de la Meurthe et des Vosges. 166 pp., 39 pls. Paris.
- 133. Capdeville, P., 1978-1980, Les races géographiques de Parnassius apollo. 6 parts. 191pp. 24 col. pls.
- **134. Carbonell,F. & A.Naderi**, 2007, Melanargia grumi lorestanensis n. ssp. dans le sud-ouest de l'Iran (Lep., Nymphalidae). Bull. Soc. ent. Fr. 112 (4): 454, figs.
- **135. Carbonell,F. & C.Brevignon**, 1982, Une nouvelle sous-espéce d'Archon apollinus de Turquie (Lepidoptera, Papilionidae). Alexanor 12 (8): 339-343, figs.
- 136. Carbonell,F. & C.Brevignon, 1983, Notes sur les Lépidoptères de la Turquie du sud a Paques. Alexanor 13 (2): 50-53.
- **137. Carbonell,F.,** 1991, Une espèce jumelle méconue du genre Polyommatus (Neolysandra) Koçak,1977. Linneana Belgica 13 (1): 35-45, figs.
- **138. Carbonell,F.,** 1991, Contribution a la connaissance du genre Archon Hübner,1822. Découverte de zones de sympatrie pour Archon apollinus (Herbst) et A.apollinaris Staudinger (Lepidoptera, Papilionidae). Linneana Belgica 13 (1): 3-12,figs.
- **Carbonell,F.,** 1991, Contribution a la connaissance du genre Polyommatus en Turquie orientale (Lepidoptera, Lycaenidae). Linneana Belgica 13 (4): 221-235, figs.
- **140. Carbonell,F.,** 1993, Contribution a la connaissance du genre Agrodiaetus Hübner (1822): le complexe ultraspécifique d'A. transcaspica Staudinger (1899) (Lepidoptera, Lycaenidae). Linneana Belgica 14 (2): 89-116, 12 figs. Tab.
- **Carbonell,F.,** 1994, Contribution à la connaissance du genre Polyommatus Latreille (1804): le complexe ultraspécifique de Polyommatus eros-eroides au Moyen-Orient et en Transcaucasie (Lepidoptera, Lycaenidae) (1re partie: descriptions de nouveaux taxa). Linneana Belgica 14 (4): 227-234, figs.
- **Carbonell,F.**, 1994, Le complexe d'Agrodiaetus poseidon Herrich-Schäffer (1851) en Turquie et au Liban. Description d'une nouvelle sous-espece d'A.theresiae (Lepidoptera, Lycaenidae). Linneana Belgica 14 (6): 291-302, Pls.
- **143. Carbonell,F.,** 1995, Contribution a la connaissance du genre Polyommatus Latreille (1804): le complexe ultraspécifique de Polyommatus eors- eroides au Moyen-Orient et en Transcaucasie (2ème partie). Linneana Belgica 14 (8): 439-454, figs.
- **Carbonell,F.,** 1996, Contribution a la connaissance du genre Agrodiaetus Hübner (1822): A. lycius nouvelle espece en Turquie méridionale. Linneana Belgica 15 (7): 89-116, figs.
- 145. Carbonell,F., 1996, Contribution a la connaissance des genres Agrodiaetus Hübner,(1822) Agrodiaetus lycius n.sp. en Turquie méridionale (Lepidoptera, Lycaenidae). Linneana Belgica 15 (7): 281-285, figs.
- **146. Carbonell,F.,** 1997, Hyponephele shirazica n.sp. en Iran méridionale (Lepidoptera, Nymphalidae, Satyridae). Linneana Belgica 16 (3): 99-104, 9 col. figs., 1 text-figs.
- **147. Carbonell,F.,** 1997, Contribution a la connaissance du genre Agrodiaetus Hübner (1822): A.actis artvinensis nouvelle sous-espèce en Turquie orientale. Linneana Belgica 15 (11): 139-142, figs.
- **148. Carbonell,F.,** 1998, Contribution a la connaissance du genre Agrodiaetus Hübner (1822), position taxinomique d'Agrodiaetus anticarmon Koçak,1983 (Lepidoptera, Lycaenidae). Linneana Belgica 16 (7): 263-265, 6 figs.; 16(8): 349.
- **149. Carbonell,F.,** 1998, Contribution a la connaissance du genre Agrodiaetus Hübner,1822 Agrodiaetus cilicius n.sp. en Turquie méridionale (Lepidoptera, Lycaenidae). Linneana Belgica 16 (8): 343-349, maps, pl.
- **150. Carbonell,F.,** 2000, Contribution a la connaissance du genre Chazara Moore,1893 Chazara egina mortezai n.ssp. en Iran (Lepidoptera: Nymphalidae, Satyrinae). Linneana Belgica 17 (6): 247-254, figs. map.

- **151. Carbonell,F.,** 2002, Agrodiaetus erzindjanensis n.sp. de Turquie (Lep., Lycaenidae). Bull. Soc. ent. Fr. 107: 524.
- 152. Carter, D., 1992, Butterflies and Moths. 304pp., figs. Dorling Kindersley, London
- **153. Casale,A. & S.A.Cecchin,** 1990, Further data on Parnassius apollo Linné,1758 in the Peloponnesos (Lepidoptera, Papilionidae). Nota lepid. 13(1): 8-11, 4 figs.
- **154. Cerf,F.le**, [1910], Collections recueillies en Perse par M.J. de Morgan. Lépidopteres. Description d'espéces nouvelles des genres Lycaena et Phlyctaenodes. Bull. Mus. natn. Hist. nat. Paris 3: 535-536.
- **155. Chainey, J.E.**, 2005, The species of Papilionidae and Pieridae (Lepidoptera) described by Cramer and Stoll and their putative type material in the Natural History Museum in London. Zool. J. Linn. Soc. 145: 283-337, 43 figs.
- **156. Chapman, T.A.**, 1897, Notes on Charaxes jasius: its life-history, protective resemblence, etc, with some observations on moulting and pupation. Entomologist's Rec. J. Var. 9: 192-194, 217-220.
- **157. Chapman,T.A.**, 1908, Erebia lefebvrei and Lycaena pyrenaica. Trans. ent. Soc. London 1908 (2): 307-316, pls. viii-xiii.
- **158. Chapman,T.A.,** 1908, Are Everes argiades and coretas distinct species? Trans. ent. Soc. London 1908 (2): 371-374, pls. xix-xx.
- **Chapman, T.A.**, 1910, On Zizeeria Chapman, Zizera Moore. A Group of Lycaenid Butterflies. Trans. ent. Soc. Lond. 1910 (4): 479-497, pl.51-60, 4 text figs.
- **160. Chapman,T.A.,** 1912, An unrecognised European Lycaena identified as Agriades thersites (Boisd.MSS), Canterer. Trans. ent. Soc. London 1912 (2): 662-677, figs.
- **161. Chapman, T.A.,** 1914, A contribution to the life history of Agriades thersites, Canterer. Trans. ent. Soc. London 1914: 285-308, pls.
- **162. Chapman, T.A.**, 1920, An undescribed Lycaenid butterfly from Cyprus, Glaucopsyche paphos, sp.n. (Lycaenidae). Trans. ent. Soc. Lond. 1920 (1/2): 166-169, Pl.v.
- 163. Christoph, H., 1881, Eine Reise im westlichen Caucasus. Stettin ent. Ztg. 42(4/6): 157-166.
- **164. Christoph,H.,** 1885, Lepidoptera aus dem Achal-Tekke Gebiete 2.Theil. [in] Romanoff, Mém. Lépid. 2: 119-171, Pls. vi-viii,xv.
- **165. Christoph,H.**, 1893, Lepidoptera nova faunae palaearcticae. Dt. ent. Z., Iris 6: 86-96.
- 166. Christoph,H., 1882, Einige neue Lepidoptera aus Russisch-Armenien. Horae Soc. ent. ross. 17: 104-122.
- **167. Clarke, C.A. & T.B. Larsen**, 1986, Speciation problem in the Papilio machaon group of butterflies (Lepidoptera, Papilionidae). Syst. Ent. 11: 175-181, 3 figs. 2 Tab.
- **168. Coenen,F. & A.Olivier**, 1989, Au sujet du statut taxonomique d'Euchloe belemia moslemi Seyer,1988 (Lepidoptera, Pieridae). Phegea 17 (1): 19-25, 2 Pls.
- **169. Coenen,F.,** 1990, Révision du statut taxonomique de quelques populations de Pieris napi (Linnaeus,1758) du sud-est de l'Europe et du Proche-Orient (Lepidoptera, Pieridae). Phegea 18 (2): 89-124, 38 figs.
- **170. Collins,N.M. & M.G.Morris,** 1985, Threatened Swallowtail Butterflies of the World. 401pp. 8 Pls. IUCN, Gland & Cambridge.
- **171.Cormier,A.C.du, Guérin,P. & H.de Lesse,** 1957, Une nouvelle forme de Boloria aux Alpes Pontiques. Lambillionea 57(5/6): 34-37.
- 172. Costa,O.G., 1832-[1836], Fauna del regno di Napoli ossia enumerazione di tutti gli animali che abitano le diverse regioni di questo regno e le acque le bagnago, contenente la descrizione de nuovi o poco esattamente conosciutti con figure ricavate da originali viventi e dipinti al naturale. A Lepidotteri. 321 pp. 23 Pls. Napoli.
- **Courvoisier, L.G.**, 1911, Einige neue oder wenig bekannte Lycaeniden Formen. Dt. ent. Z., Iris 25: 103-109, pl.2.
- **Courvoisier, L.G.**, 1913, Zur Nomenklatur und Diagnose der europäischen Theclinen. Int. ent. Z. 7: 231-233, 239-240, 243-244, 251-253.
- 175. Coutsis, J.G. & Borie, J.-P., 2007, Turanana dushak new to Iran, a re-description of its valva and of the valva of Turanana panaegides, and new sampling locality data for Turanana endymion endymion and Turanana endymion ahasveros (Lepidoptera, Lycaenidae). Phegea 35 (2): 57-63, figs.
- **Coutsis, J.G.**, 1986, Notes concerning the taxonomic status of Turanana panagaea taygetica Rebel (Lep. Lycaenidae). Nota lepid. 9 (1/2): 35-38, 2 figs.
- **Coutsis, J.G.**, 2001, The male genitalia of the butterflies placed in the subgenus Neolysandra of the genus Polyommatus (Lycaenidae). Nota lepid. 24 (1/2): 65-72, figs.
- **Coutsis, J.G.**, 2004, Revision of the Turanana endymion species-group (Lycaenidae). Nota lepid. 27 (4): 251-272.
- **Coutsis, J.G.**, 2006, Revision of the Turanana endymion species-group (Lycaenidae) a correction. Nota lepid. 28 (3/4) (2005): 202.
- **180. Coutsis, J.G.,** 2006, Additional revisionary actions and corrections in the Turanana endymion species-group (Lepidoptera). Nota lepid. 29 (1/2): 17-25.

- Coutsis, J.G., 2008, Pseudophilotes bavius casimiri, the most differentiated subspecies of the P. bavius species-group. Pseudophilotes fatma, a distinct species (Lepidoptera, Lycaenidae, Scolitantiditi). Phegea 36 (4): 121-125, 24 figs.
- Coutsis, J.G., Prins, W.de & D.v.d. Poorten, 1997, Turanana laspura Evans separated from T.cytis (Christoph) as a distinct species (Lepidoptera, Lycaenidae). Phegea 25 (3): 135-140, 9 figs.
- Cowan, C.F., 1985, The type-species of Hipparchia Fabricius, 1807 (Lepidoptera, Satyridae). Entomologist's Gaz. 36: 284.
- Cramer, P., [1775], Die Uitlandsche Kapellen voorkomende in de drie warelddeelen Asia, Africa en America 1: parts (1)-(7): xxx, 16 pp. 1-132, pls. 1-84, "1779". Amsterdam & Utrecht. **Çelikkaya,D.**, 2009, 19 yıl sonra 19 Temmuz... Cesa News 48: 1-60, 111 figs.
- 185.
- D'Abrera, B., 1980, Butterflies on the Afrotropical Region. 593 pp., Pls. Lansdowne Ed., Melbourne. 186.
- Dalman, J.W., 1816, Försök till systematik Upptällning af Sveriges Fjarilar. K. svenska VetenskAkad. Handl. 37: 48-105, 199-225, 2 Taf.
- Dantchenko, A.V., 1997, Notes on the biology and distribution of the damone and damocles species-complexes of of [sic!] the subgenus Polyommatus (Agrodiaetus) (Lep., Lycaenidae) [in] Eckweiler & Häuser, Contributions to the systematics and biology of the Polyommatus (Agrodiaetu Nachr. Ent. Ver. Apollo, Suppl. 16: 23-42, figs.
- 189. Davenport, D., 1941, The butterflies of satyrid genus Coenonympha. Bull. Mus. comp. Zool. Harv. 87 (4): 214-349, 10 Tab.
- Denis, M. & I.Schiffermüller, 1775, Ankündung eines systematischen Werkes von den 100. Schmetterlingen der Wiener Gegend. 322 pp. 2 Pls. Wien.
- Dietrich, K., 1862, Zur Systematik der Schmetterlinge. Stettin ent. Ztg. 23: 466-479. 191.
- Doğanlar, M., Özbek, H., Ecevit, O. & H.Yüksel, 1982, Doğu Anadolu Bölgesinin Bazı Lepidopterleri. Bitki Koruma Bült. 21 (3): 155-172.
- Dorp, K.van, 2004, Molecular systematics of Lycaena F.,1807 (Lepidoptera, Lycaenidae) some 193. preliminary results. Proc. neth. ent. Soc. 15: 65-70, 2 figs.
- Dubatolov, V.V. & J.P. Korshunov, 1984, New data on taxonomy of the butterflies of the USSR. Chlenistonogie i gel'minty, Sibir. Otdel. Ak. Nauk USSR, Novosibirsk: 51-57.
- Dumont, D., 1998, Une nouvelle espèce de Lycaenidae du sud de la Turquie: Polyommatus bollandi 195 n.sp. Linneana Belg. 16 (8): 335-338, 7 figs. map.
- Dumont, D., 2000, Découverte et description de la femelle de Polyommatus bollandi Dumont, 1998 196. et considérations nouvelles sur le male (Lepidoptera, Lycaenidae). Linneana Belg. 17 (7): 273-275, figs.
- **Dumont,D.**, 2004, Révision du genre Iolana Bethune-Baker,1914 (Lepidoptera, Lycaenidae). 197 Description d'une nouvelle espèce: kermani n.sp. Linneana Belg. 19 (8):
- Duponchel, P.A.J., 1821-1826, Histoire naturelle des Lépidoptères, ou papillons de la France. Vol.1 198. Diurnes. 12+303+7 pp., tab. 1-12, Paris.
- Duponchel, P.A.J., 1822-1830, Histoire naturelle des Lépidoptères, ou papillons de la France. Vol.2 Diurnes. 246 pp., tab. 1-28, Paris.
- Duponchel, P.A.J., 1844-1846, Catalogue méthodique des Lépidoptères d'Europe. 523 pp. Paris. 200.
- 201. Ebert, G., 1971, Drei neue Macrolepidoptera-Arten aus Iran. Beitr. naturk. Forsch. SWDtl. 30: 65-71,
- Eckweiler, W. & C.L. Häuser, 1997, An illustrated checklist of Agrodiaetus Hübner, 1822, a 202. subgenus of Polyommatus Latreille, 1804 (Lepidoptera, Lycaenidae). Nachr ent. Ver. Apollo (N.F.), Suppl. 16: 113-168, figs.
- Eckweiler, W. & E.Görgner, 1981, Rhopaloceren- Fauna des Palandöken-Gebirges in Ostanatolien. Nachr. ent. Ver. Apollo 2: 80-96, 97-116, figs.
- Eckweiler, W. & G. Hesselbarth, 1978, Eine neue Unterart von Agriades pyrenaicus Boisduval aus Ostanatolien. NachrBl. bayer. Ent. 27:64-68, figs.
- Eckweiler, W. & K.G. Schurian, 1980, Verbreitung und subspezifische Gliederung von Neolysandra coelestina (Eversmann, 1843) (Lep., Lycaenidae). Atalanta 11 (1): 69-78, 8 figs.
- Eckweiler, W. & K.Rose, 1988, Identität, Verbreitung und subspezifische Gliederung von Pseudochazara lydia (Staudinger, 1878) (Lepidoptera, Satyridae). Nachr. ent. Ver. Apollo (N.F.) 9(4):
- Eckweiler, W. & K.Rose, 1993, Zwei neue Lycaeniden aus der Südwesttürkei (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 13(3a): 355-364, figs.
- Eckweiler, W., 1978, Eine neue Art der Gattung Hyponephele Muschamp aus der Südosttürkei (Lepidoptera, Satyridae). Atalanta 9 (4a): 375-379, 9 figs.
- Eckweiler, W., 1978, Zwei Lycaeniden-Neufunde aus Nordostanatolien. Nota lepid. 1(3): 115-118, 8 Abb.
- Eckweiler, W., 1984, Eine neue Unterart von Turanana cytis (Christoph, 1877) aus Türkisch-Kurdistan (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 5(2/3): 63-70, figs.

- **Eckweiler, W.**, 1989, Drei neue Lycaeniden aus der Türkei (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 10(2): 81-102, 50 figs.
- **Eckweiler, W.**, 1997, Neue Taxa von Polyommatus (Agrodiaetus) (Lepidoptera, Lycaenidae) [in] Eckweiler & Häuser, Contributions to the systematics and biology of the Polyommatus (Agrodiaetus) species-group (Lep., Lycaenidae). Nachr. Ent. Ver. Apollo, Suppl. 16: 7-22, figs.
- **213. Ehrlich, P.R.**, 1958, The comparative morphology, philogeny and higher classification of the butterflies (Lepidoptera, Papilionoidea). Univ. Kans. Sci. Bull. 39(8): 305-370.
- 214. Eimer, G. H. T., 1889-1895, Die Artbildung der Verwandtschaft bei den Schmetterlingen. Jena.
- **Eisner, C. & S. Wagener,** 1974, Zwei neue Unterarten von Allancastria cerisyi Godart aus Anatolien (Lepidoptera, Parnassidae). Zoöl. Meded. 48(10): 81-83, figs.
- **Eisner, C.**, 1954, Parnassiana nova ii. Archon apollinus Herbst. Zoöl. Meded. 33 (7): 49-53, Leiden.
- **217. Eisner, C.**, 1966, Parnassiidae-Typen in der Sammlung J.C.Eisner. Zool. Verh., Leiden 81: 1-190, 84 Pls.
- **218. Eisner, C.**, 1968, Parnassiana nova XLIII. Nachträgliche Betrachtungen zu der Revision der Subfamilie Parnassiinae (Fortsetzung 16). Zool. Meded 43 (2): 9-17, 2 Taf.
- **Eisner, C.**, 1978, Parnassiana nova LIII. Vier neue Parnassius Unterarten. Zool. Meded. 53 (11): 107-109, Taf.2.
- **220. Eitschberger, U. & H.Steiniger**, 1975, Die geographische Variation von Eumedonia eumedon (Esper,1780) in der westlichen Palaearktis (Lep., Lycaenidae). Atalanta 6(2): 84-125, 3 Abb., Taf.
- **Eitschberger, U. & P.Hofmann**, 2002, Morphologische Untersuchungen an einigen Aporia crataegi-Populationen aus dem Iran (Lepidoptera, Pieridae). Atalanta 33 (3/4): 373-387.
- **Eitschberger**, U., 1990, Die Taxa der Pieris napi-Gruppe in Südeuropa dem Balkan, der Türkei und Persien (Lepidoptera, Pieridae). Atalanta 21(3/4): 269-271.
- **Eitschberger, U.,** [1984], Systematische Untersuchungen am Pieris napi-bryoniae-Komplex (s.l.) (Lepidoptera, Pieridae). Herbipoliana 1 (1): xxii+504pp., 1(2): 601pp. Marktleuthen.
- **Eliot, J.N. & A.Kawazoe**, 1984, Blue butterflies of the Lycaenopsis group. 306 pp., 6 Pls., figs. British Museum (Natural History), London.
- **Eliot, J.N.**, 1969, An analysis of the Eurasian and Australian Neptini (Lepidoptera, Nymphalidae). Bull. Br. Mus. (Nat. Hist.) Ent., Suppl. 15: 1-150, Pls.
- **Eliot, J.N.**, 1973, The higher classification of the Lycaenidae (Lepidopera): A tentative arrangement. Bull. Br. Mus. (Nat. Hist.) Ent. 28 (6): 373-505, figs., 6 Pls.
- **Eller, K.**, 1936, Die Rassen von Papilio machaon L. Abh. bayer. Acad. Wiss.(N.F.) 36: xiv+96 pp.
- **Eller,K.,** 1938, Zur Rassen- und Artfrage, untersucht an dem Formenkreis von Papilio machaon L. (Lep., Rhopalocera). Z. angew. Ent. 24: 145-149, 2 Abb.
- **Eller,K.**, 1939, Fragen und Probleme zur Zoogeographie und zur Rassen- und Artbildung in der Papilio machaon- Gruppe. Verh. VII. Int. Kongr. Ent. 1938 (1):74-101,Pls.
- **230. Ellison,R.E.**, 1939, [in] Ellison,R.E. & E.P.Wiltshire, The Lepidoptera of the Lebanon: with notes on their season and distribution Part.I. Rhopalocera. Trans. R. ent. Soc. Lond. 88 (1): 11-23.
- **231. Elwes, H.J. & J.Edwards,** 1893, A Revision of the Genus Ypthima, with especial reference to the characters afforded by the male genitalia. Trans. ent. Soc. London 1893: 1-54, Pl.3.
- 232. Elwes, H.J. & J.Edwards, 1897, A Revision of the oriental Hesperiidae. Trans. zool. Soc. Lond. 14 (4 101-324, pls.18-27.
- **233. Elwes, H.J.**, 1889, A revision of the genus Argynnis. Trans. Ent. soc. London 1889 (4): 535-575, [3 figs].
- **Esper,E.J.C.**, [1776-1830], Die europäischen Schmetterlinge in Abbildungen nach der Natur mit Beschreibungen. Teil 1 Tagvögel 2 Bde: Bd.1 (1777), p.1-388, Pls. 1-50; Bd.2 (1780), pl.1-190, Pls.51-93; Suppl. 1 (1805), p.1-120, Pls. 94-116; Suppl.2 (1805), p.1-48, Pls. 117-123; Teil 2 Nachtvögel (1779), p.1-234, Pls.1-36; Suppl. (1807), p.1-52, Pls.37-47. Teil.3 (1782), p.1-396, Pls.1-79; Suppl. (1807) 1-104, Pls.80-94. Teil 4 2Bde Bd.1 & 2 (1786); Teil 5 (1794) p.1-276, Pls.1-52 Erlangen.
- **235. Essayan,R. & C.Cintré,** 1980, Notes sur les Rhopaloceres de la Peninsule Balkanique et de la Turquie occidentale. Alexanor 11 (6): 261-271.
- **236.** Evans, W.H., 1912, A list of Indian Butterflies. J. Bombay nat. Hist. Soc. 21 (2): 553-584; (3): 969-1008.
- **Evans, W.H.**, 1937, A Catalogue of the African Hesperiidae indicating the classification and nomenclature adopted in the British Museum. xii+212 pp., 30pls. London.
- **Evans, W.H.**, 1949, A Catalogue of the Hesperiidae from Europe, Asia and Australia in the British Museum (Natural History). London.
- **Evans, W.H.**, 1955, A revision of the genus Tarucus (Lep., Lycaenidae) of Europe, North Africa and Asia. Entomologist 88: 179-187.
- **Eversmann, E.**, 1848, Beschreibung einiger neuen Falter Russlands. Bull. Soc. imp. nat. Moscou 21 (2): 205-232.

- **241. Fabiano, F.**, 1998, Lepidoptera Rhopalocera of the Hisma Basin (southern Jordan). Linneana Belgica 16 (8): 307-322, 9 figs.
- **242. Fabricius, J.C.,** 1775, Systema Entomologiae sistens Insectorum classes, ordines, genera, species, adjectis synonymis, locis, descriptionibus, observationibus. 832 pp. Flensburgi et Lipsiae.
- **243. Fabricius, J.C.**, 1777, Genera Insectorum. Chilonii.
- **244. Fabricius, J.C.**, 1787, Mantissa Insectorum. vol. 1 xx+348 pp., vol.2, 382pp. Hafniae.
- 245. Farren, W., 1893, On the variation of Papilio machaon. Entomologist's Rec. J. Var. 4: 100-108.
- **246. Fazekas,I. & T.Balazs,** 1979, Taxonomische, ökologische und faunistische Überprüfung des Palaeochrysophanus hippothoe sumadiensis Szabo 1956 (Lep., Lycaenidae). Ent. Z., Frankf. a. M. 89 (20): 230-236, 4 Abb.
- **247. Felder, C. & R.Felder**, 1865-[1867], Reise der Österreichischen Fregatte Novara um die Erde. vi+549 pp., 137 Pls. Wien.
- **248. Fiedler,K. & K.G.Schurian**, 1994, Oviposition behaviour in Lycaena thetis Klug (Lepidoptera, Lycaenidae). Nota lepid. 17(1/2): 25-29, 1 fig.
- **249. Fiedler,K.,** 1995, Associations of Lycaenid Butterflies with Ants in Turkey. [In] Hesselbarth, et al., Die Tagfalter der Türkei, unter Berücksichtigung der angrenzenden Länder 1: 437-450. Bocholt.
- **250. Fiedler,K., Schurian,K.G. & M.Hahn**, 1994, The life-history and myrmecophily of Polyommatus candalus (Herrich-Schäffer) from Turkey (Lep., Lycaenidae). Linneana Belgica 14(6): 315-332, figs.
- **251. Ford,E.B.,** 1944, Studies on the chemistry of pigments in the Lepidoptera with reference to their bearing on systematics 3. The red pigments of Papilionidae. Proc. R. ent. Soc. Lond. (A) 19: 92-106.
- **252. Forster,W.,** 1936, Beitrag zur Systematik des Tribus Lycaenini unter besonderer Berücksichtigung der argyrognomon- und der argus-Gruppe. Mitt. münch. ent. Ges. 26(2): 41-140.
- **253. Forster,W.**, 1938, Die Lycaena pylaon-Gruppe. Ent. Rdsch. 55: 213-219, 236-239, 334-337, 361-364, 417-420, 485-490, 4 Pls.
- **254. Forster,W.**, 1956, Bausteine zur Kenntnis der Gattung Agrodiaetus Scudd. (Lep., Lycaen.) I. Z. wien. ent. Ges. 41: 42-61, 70-89, 118-127, Taf. 8-13.
- **255. Forster, W.**, 1960, Einige neue Formen der Gattung Agrodiaetus Scudd. (Lep., Lycaen.). Ent. Z., Frankf. a. M. 70 (3): 17-22.
- **256. Forster, W.**, 1960-1961, Bausteine zur Kenntnis der Gattung Agrodiaetus Scudd. (Lep., Lycaen.) II. Z. wien. ent. Ges. 45: 105-142; 46: 8-13, 38-47, 74-79, 88-94, 110-116, Taf. 10-15.
- **257. Forster, W.**, 1938, Das System der palaearktischen Polyommatini (Lep., Lycaen.). Mitt. münch. ent. Ges. 28: 97-118, 395.
- **258. Fountaine,M.,** 1904, A "butterfly summer" in Asia Minor. Entomologist 37: 79-84, 105-108, 135-137, 157-159, 184-186.
- **259. Fourcroy, A.F.,** 1785, Entomologia Parisiens. vol.2. Paris.
- **260. Franke, G. & I.Franke,** 1993, 15 Jahre Zucht: Beobachtungen an Parnassius apollo L. (Lepidoptera, Papilionidae). Nachr. ent. Ver. Apollo (N.F.) 13: 457-505, Pls.
- **261. Freina,J.J.de & A.R.Naderi,** 2003, Beschreibung einer neuen Unterart von Archon apollinaris (Staudinger,[1892]) aus dem südwestlichen Zentral-Zagros, bostanchii subspec.nov. mit ergänzenden Angaben zur Gesamtverbreitung der Art (Papilionidae, Parnassiini). Atalanta 34 (3/4): 429-434, pl. xxvi.
- **262. Freina,J.J.de & B.Aussem**, 1987, Chazara bischoffi (Herrich-Schäffer,1846) und ihre nächstverwandten Arten (Lepidoptera, Satyridae). NachrBl. bayer. Ent. 36 (1): 1-10, figs.
- **263. Freina,J.J.de & B.Aussem**, 1987, Hyponephele urartua sp.n., eine neue Satyriden-Art aus Anatolien (Lep., Satyridae). Nota lepid. 9 (3/4): 200-212, 29 Abb.
- **264. Freina,J.J.de & R.Leestmans**, 2003, Une nouvelle sous-espèce mélanisante d'Archon apollinus (Herbst,1789) dans le Sud syrien et données sur la répartition générale des taxa du genre Archon Hübner,1822 (Lepidoptera, Papilionidae, Parnassini). Linneana Belg. 19 (1): 21-34, figs.
- **265. Freina,J.J.de & T.J.Witt,** 1983, Zwei neue Lycaenidae-Arten aus Türkisch-Kurdistan: Lysandra dezina sp.n. und Polyommatus ciloicus sp.n. (Lep., Lycaenidae). Entomofauna 4 (14): 181-197, figs.
- **266. Freina,J.J.de,** 1979, Eine beobachtete Massenwanderung von Colias crocea Fourcroy,1785 in Südost-Anatolien. Atalanta 10: 94-96, 1 fig.
- **267. Freina, J.J.de**, 1979, Zur Kenntnis der Gattung Allancastria unter Berücksichtigung der Arten A.cerisyi und A.deyrollei (Lepidoptera, Papilionidae). Ent. Z., Frankf. a. M. 89: 129-142, 5 figs.
- **268. Freina, J.J.de**, 1980, Eine neue Unterart von Parnassius nordmanni Nordmann aus Kleinasien (Lepidoptera, Papilionidae). Nachr Bl. bayer. Ent. 29: 50-62, figs.
- **269. Freina, J. J. de**, 1983, Papilio alexanor orientalis Romanoff, 1885. Angaben zur Biologie, Verbreitung und zur Frage der Berechtigung dieses Taxons (Lepidoptera, Papilionidae). Atalanta 14: 23-30, figs.
- **270. Freina,J.J.de,** 1985, Zur Verbreitung von Euapatura mirza Ebert,1971 in Kleinasien (Lepidoptera, Nymphalidae). NachrBl. bayer. Ent. 34(2): 49-51, figs.
- **271. Freina,J.J.de**, 1989, Gonepteryx rhamni (Linnaeus,1758) in Kleinasien. Bemerkungen zur Bionomie und geographischen Variabilität mit Beschreibung einer neuen Unterart (Lepidoptera, Pieridae). Mitt. münch. ent. Ges. 79: 111-117, 7 Abb.

- **272. Freina,J.J.de,** 1994, Untersuchungen zur Eimorphologie bei Parnassius mnemosyne (Linnaeus,1758) und ihrer infraspezifischen Variabilität an Hand von REM-Darstellungen (Lepidoptera, Papilionidae). Nota lepid. 16 (3/4): 179-194, 20 figs.
- **Freina, J.J.de**, [1987], Bemerkungen zur Biologie Verbreitung und Systematik kleinasiatischen Papilioniden (Lepidoptera, Papilionidae). Atalanta 17 (1/4) (1986): 205-208, Taf.
- **274. Freina,J.J.de,** 1985, Revision der Gattung Archon Hübner,1822 mit Angaben zur Biologie, Verbreitung, Morphologie und Systematik von Archon apollinus (Herbst,1798) und Archon apollinaris Staudinger,1892 (stat.nov.) (Lepidoptera, Papilionidae). Nota lepid. 8 (2): 97-128, figs.
- **275. Freyer, C.F.**, 1828-1830, Beiträge zur Geschichte europäischer Schmetterlinge mit Abbildungen nach der Natur. 3 vols. 1 (1828): 164pp., 48 Tab.; 2 (1829): 166pp., 48 Tab.; 3 (1830): 168pp., 48 Tab. Nürnberg.
- **276. Freyer, C.F.**, 1831-1858, Neuere Beiträge zur Schmetterlingskunde mit Abbildungen nach der Natur. 7 vols. 700 pls. Augsburg.
- **277. Fric,Z., Wahlberg,N., Pech,P. & J.Zrzavy**, 2007, Phylogeny and classification of the Phengaris-Maculinea clade (Lepidoptera, Lycaenidae): total evidence and phylogenetic species concepts. Syst. Ent. 32: 558-567.
- **278. Fruhstorfer, H.**, 1908, Neue Argynnis und Melitaea. Int. ent. Z. 1: 550-552.
- **279. Fruhstorfer,H.,** 1910, Neues über Eumenis fagi und alcyone. Ent. Z., Stuttgart 24: 71-73, 75-77, 82-83, 86-88, 22 Abb.
- **280. Fruhstorfer,H.,** 1911, Satyrus geyeri aristochinus. [In] Seitz, A., Die Gross-Schmetterlinge der Erde 9: 307-308.
- 281. Fruhstorfer, H., 1918, Neue palaearktische Rhopaloceren. Ent. Z., Stuttgart 31 (21): 77-78, 81-82.
- **282. Fuchs,J.**, 1996, Zwei Wochen Schmetterlingsbeobachtungen auf Zypern (4-18.6.1995). Galathea 12 (2): 57-62.
- **283. Gaede,M.**, 1930, Familie Nymphalidae. [In] Seitz,A., Gross-Schmett. Erde, Suppl. 1: 196-227. Stuttgart.
- **284. Gaede,M.**, 1930, Familie Lycaenidae. [In] Seitz,A., Gross-Schmett. Erde, Suppl. 1: 239-249. Stuttgart.
- **285. Geest,W.,** 1902, Eine Aberration von Rhodocera rhamni und Entwickelung der Pieriden-Färbung. Allg. Z. Ent. 7: 529-534, Abb.
- **286. Geiger,H., Descimon,H. & A.Scholl,** 1988, Evidence for speciation within nominal Pontia daplidice (Linnaeus,1758) in southern Europe (Lepidoptera, Pieridae). Nota lepid. 11(1): 7-20, 5 figs. 2 Tab.
- **287. Geiger,H.-J. & A.Scholl,** 1982, Pontia daplidice (Lepidoptera, Pieridae)in Südeuropa- eine Gruppe von zwei Arten. Mitt. schweiz. ent. Ges. 55: 107-114.
- **288. Geoffroy,E.L.,** 1785, Lepidoptera. [In] Fourcroy,A.F., Entomologia parisiensis, sive catalogus Insectorum, quae in agro parisiensi reperiuntur; secundum methodum Geoffraeanam in sectiones, genera et species distributus; cui addita sunt nomina trivialia et fere trecentae novae species. I: 1-231; 2; 233-544. Paris.
- **289. Georghiou, G.P.,** 1977, The insects and mites of Cyprus. 347 pp. Athens.
- **290. Gerhard,B.,** [1850]-[1853], Versuch einer Monographie der europäischen Schmetterlingsarten: Thecla, Polyommattus [sic!], Lycaena, Nemeobius. 21pp., 39 Taf. Hamburg.
- **291. Gerhard,B.**, 1882, Lepidopterologisches. Berl. ent. Z. 26 (1): 125-128.
- **292. Geyer,C.** [in] **Hübner,J.**, [1819]-[1832], Sammlung exotischer Schmetterlinge 2: [5] pp., [225] Pls. Augsburg.
- 293. Gillmer, M., 1904, Lycaena icarus Rott., ab. persica Bien. Ent. Z., Stuttgart 17(20): 76.
- **294. Gillmer,M.**, 1904, Nochmals Lycaena icarus, Rott., var. persica, Bien. Ent. Z., Stuttgart 17 (22): 84-85.
- **295. Girgin,S.,** 1990, Bazı Satyrinae türlerinin erginlerinde ikinci abdomen sternit yapısı üzerine araştırmalar (Satyridae, Lepidoptera). Doğa J. Zool. 14: 127-138, 14 figs.
- **296. Glassl,H.,** 1993, Parnassius apollo. Seine Unterarten. 214pp. pls. maps. H.Glassl Verlag. Möhrendorf.
- **297. Godart,J.B.,** 1819-[1824], Papillons [in] Encyclopédie méthodique. vol.9. pp. 1-318 (1819), pp.329-828 [1824]. Paris.
- **298. Goeze, J.A.E.**, 1777-1783, Entomologische Beyträge zu des Ritter Linné zwölften Ausgabe des Natursystems. Bd. 1 [1777], xvi+ 736 pp.; Bd. 2 [1778], lxxii+ 352 pp., Bd. 3 (1) [1779], xi+390pp.; Bd. 3 (2) [1780], xxiv+ 350 pp.; Bd. 3 (3) [1781] xlviii+439pp.; Bd. 4 [1783], xx+178pp. Leipzig.
- **299. Goltz,H.F.v.d.**, 1930, Familie Satyridae. Gattung: Erebia Dalm. [In] Seitz,A., Gross-Schmett. Erde, Suppl. 1: 132-152. Stuttgart.
- 300. Göbekçioğlu,Z. & N.Aktaç, 1990, Trakya Bölgesi (Istranca Dağları) Gündüz Kelebekleri (Lepidoptera, Papilionoidea, Hesperioidea). X. Ulusal Biyoloji Kongresi 18-20 Temmuz 1990, Erzurum: 193-202.

- **301. Gömürgen,A.N.,** 1991, Bazı Hesperiidler üzerinde morfolojik araştırmalar (Hesperiidae, Lepidoptera). Doğa J. Zool. 15: 1-15, 18 figs.
- **302. Gömürgen,A.N.,** 1992, Bazı Hesperiidlerin erkek dış genital organları üzerine araştırmalar (Hesperiidae, Lepidoptera). Doğa 16: 209-228, 19 şekil.
- **303. Gömürgen,A.N.,** 1993, Bazı Hesperiidlerin dişi dış genital organları üzerine araştırmalar (Hesperiidae, Lepidoptera). Doğa J. Zool. 17: 379-403, 17 şekil.
- **304. Görgner, E.**, 1984, Beitrag zur Biologie von Euapatura mirza Ebert,1971 (Lep., Nymphalidae). Nachr. ent. Ver. Apollo (N.F.) 5(1): 7-17, figs. [Corrigendum: ibid., 5 (2/3): 42].
- **305. Görgner, E.,** 1985, Beiträge zur Kenntnis der Lepidopteren der südosttürkischen Provinz Hakkari, I. Allgemeines, Papilionidae. Nachr. ent. Ver. Apollo (N.F.) 5 (4): 77-94, figs.
- **306. Graves, P.P. & R.E. Ellison**, 1928, The butterflies of Jebel Qineisa, Lebanon. Entomologist's Rec. J. Var. 40: 177-180.
- **307. Graves, P.P.,** 1910, "Lampides" galba, Led., A plea for accuracy. Entomologist's Rec. J. Var. 22: 287-289.
- 308. Graves, P.P., 1910, A day's lepidopterology near Scutari. Entomologist's Rec. J. Var. 22: 215.
- **309. Graves, P.P.,** 1910, Virachola (Hypolycaena) livia, Klug A syrian insect. Entomologist's Rec. J. Var. 22: 225-226.
- **310. Graves, P.P.,** 1910-1911, A contribution to the fauna of Syria. Entomologist's Rec. J. Var. 22: 271-273; ibid. 23: 31-36.
- **311. Graves, P.P.,** 1911-1912, A season's collecting at Constantinople in 1911. Entomologist's Rec. J. Var. 23: 315-318; ibid. 24: 10-12; 74.
- **312. Graves, P.P.,** 1912, Notes of the season 1912 at Constantinople. Entomologist's Rec. J. Var. 24: 293-294.
- **313. Graves, P.P.,** 1913, Constantinople ans Syrian Butterflies. Corrections and additions. Entomologist's Rec. J. Var. 25: 139-140.
- 314. Graves, P.P., 1913, Lycaena arion at Constantinople. Entomologist's Rec. J. Var. 25: 118.
- **315. Graves, P.P.**, 1914, Collecting in Turkey, mainly near Constantinople in 1913. Entomologist's Rec. J. Var. 26: 17-21.
- 316. Graves, P.P., 1914, Near eastern Urbicolids. Entomologist's Rec. J. Var. 26: 193-194.
- 317. Graves, P.P., 1915, Collecting at Constantinople in 1914. Entomologist's Rec. J. Var. 27: 35-40.
- **318. Graves, P.P.**, 1918, Collecting in various places (1914-1917). Entomologist's Rec. J. Var. 30: 62-65.
- 319. Graves, P.P., 1919, Agriades thetis race vectae, Verity. Entomologist's Rec. J. Var. 31: 90.
- **320. Graves, P.P.**, 1919, Collecting in various places in 1916-1918. Entomologist's Rec. J. Var. 31: 5-8, 61-66, 156-158.
- **321. Graves, P.P.**, 1919, Hamearis lucina at Constantinople. Entomologist's Rec. J. Var. 31: 111.
- 322. Graves, P.P., 1920, Collecting in Turkey in 1919. Entomologist's Rec. J. Var. 32: 105-107.
- **323. Graves, P.P.,** 1921, A note from Constantinople A third brood of P. chloridice. Entomologist's Rec. J. Var. 33: 199.
- 324. Graves, P.P., 1921, Collecting in Asia Minor in 1920. Entomologist's Rec. J. Var. 33: 41-48.
- 325. Graves, P.P., 1921, Collecting in Palestine in March 1921. Entomologist's Rec. J. Var. 33: 193-195.
- 326. Graves, P.P., 1921, Review: Lepidoptera of the Amanus. Entomologist's Rec. J. Var. 33: 141-142.
- **327. Graves, P.P.,** 1921, Some new records for the Constantinople district and Bithynia. Entomologist's Rec. J. Var. 33: 165-166.
- **328. Graves, P.P.**, 1923, Notes on the Lepidoptera of the Constantinople district (Asia) and Brusa. Entomologist's Rec. J. Var. 35: 95-96.
- **329. Graves, P.P.**, 1924, Euchloe (Anthocharis) ausonia, Hb. (=belia auct.) and its second brood. Entomologist's Rec. J. Var. 36: 90-91.
- **330. Graves, P.P.,** 1925, The Lepidoptera of Constantinople. Entomologist 58: 191-194, 242-245, 260-262, 291-294.
- **331. Graves, P.P.,** 1925, The Rhopalocera and Grypocera of Palestine and Transjordania. Trans. ent. Soc. London 73: 17-125, figs.
- **332. Graves, P.P.**, 1926, Additions to the Lepidoptera of the Constantinople district. Entomologist 59: 249-253.
- **333. Graves, P.P.,** 1928, Epinephele cypricola sp. nov. Entomologist 61: 5-7, pl.1
- **334. Graves, P.P.,** 1928, The seasonal variation of Spilothyrus (Carcharodus) orientalis Rev. Entomologist's Rec. J. Var. 40: 77.
- 335. Graves, P.P., 1938, A New Subspecies of Leptidea duponcheli Stgr. Entomologist 71: 154-155.
- **336. Gross,F.J.**, 1977, Über Hyponephele narica und H. naricina und deren Verbreitung in der Türkei (Lep., Satyridae). Atalanta 8 (2): 123-125.
- **337. Gross,F.J.,** 1978, Beitrag zur Systematik von Pseudochazara-Arten (Lep., Satyridae). Atalanta 9(1): 41-103, figs.

- **338. Grund,A.**, 1905, Leptidea sinapis in der Umgebung Agrams (Kroatien) mit drei neuen Formen. Int. ent. Z. 19(26): 145-148, 20 figs.
- **339. Hackman, W.,** 1952, On the insect fauna of Cyprus. Results of the expedition of 1939 by Harald, Hakan and P.H.Lindberg. Commentat. biol. 13: 1-9, 1 fig.
- **340. Hagen,W. Ten & W.Eckweiler,** 2000, Zur Taxonomie von Lycaena (Thersamonia) lampon (Lederer,1870) und L. (T.) lamponides (Staudinger,1901) stat. nov. (Lepidoptera, Lycaenidae). Nachr ent. Ver. Apollo (N.F.) 21 (2): 49-54, 19 Abb.
- **341. Hagen,W.Ten & M.A.Miller,** 2010, Molekulargenetische Untersuchungen der paläarktischen Arten des Genus Callophrys Billberg,1820 mit Hilfe von MtDNA-COI-Barcodes und taxonomische Überlegungen (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 30 (4): 177-197, figs.
- **342. Hagen,W.Ten & K.G.Schurian,** 1998, Observations on the biology of Polyommatus (Aricia) bassoni Larsen,1974 (Lepidoptera, Lycaenidae). Linneana Belgica 16(7): 285-289, 9 figs.
- **Hagen,W. Ten & K.G.Schurian,** 2009, Polyommatus (Aricia) crassipunctus varicolor ssp.n., eine neue Unterart aus Iran (Lepidoptera, Lycaenidae). Nchr. ent. Ver. Apollo (N.F.) 30 (1/2): 9-17, figs.
- **Hagen, W.Ten**, 1995, Tagfalterbeobachtungen in Syrien und Jordanien im Frühling (Lepidoptera, Papilionoidea, Hesperioidea). Nachr. ent. Ver. Apollo (N.F.) 16 (2/3): 195-212.
- **345. Hagen,W.Ten**, 1996, Massenvermehrung und Wanderungen von Vanessa cardui (Linnaeus,1758) in Syrien (Lepidoptera, Nymphalidae). Atalanta 27 (1/2): 101-106 4 figs.
- **346. Hagen, W.Ten,** 1996, Tagfalterbeobachtungen in Syrien und Jordanien (2.Beitrag) (Lepidoptera. Papilionoidea, Hesperioidea). Nachr. ent. Ver. Apollo (N.F.) 17(2): 123-142, Abb.
- **347. Hagen,W.Ten,** 1998, Tagfalterbeobachtungen in Syrien und Jordanien (3.Beitrag) (Lepidoptera, Hesperioidea, Papilionoidea). Nachr. ent. Ver. Apollo (N.F.) 19 (3/4): 247-268, 2 Abb.
- **348. Hagen,W. Ten,** 2003, Freilandhybriden bei Bläulingen aus Ostanatolien und Iran (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 23 (4): 199-203, figs.
- **349. Hagen,W. Ten,** 2008, Taxonomie von Cupido staudingeri (Christoph,1873) in Iran (Lepidoptera, Lycaenidae). Nachr ent. Ver. Apollo (N.F.) 28 (3/4): 165-171, figs.
- **350. Hagen,W.Ten,** 2009, Mit Onobrychis cornuta (Fabaceae) assozierte Callophrys-Arten: Callophrys paulae Pfeiffer,1932 und C. farsica sp.n. (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 30 (3): 131-142, figs.
- **351. Handlirsch,A.**, 1924, Ordnung Lepidoptera (Schmetterlinge), [in] Schröder, Handb. Ent. 3: 852-941, figs.747-840.
- **352. Hanus,J. & D.Hoareau,** 1998, Polyommatus (Agrodiaetus) dama (Staudinger,1892) on the Nemrut Daği in Turkey (Lepidoptera, Lycaenidae). Neue ent. Ver. Apollo (N.F.) 18(4): 416.
- 353. Harz, K., 1970, Distelfalterzüge in Ostanatolien und im Iran. Atalanta 3(1): 16.
- 354. Hasselbach, W., 1985, Lepidopteren aus der Levante. Ent. Z., Frankf. a. M. 95: 125-128.
- **355. Häuser,C. & K.G.Schurian,** 1980, Zur Kenntnis des Areals von Colias chlorocoma Christoph,1888 (Pieridae). Nota lepid. 3(1/2): 41-50, figs.
- **356. Häuser,C.,** 1993, An Annotated checklist of the species of the Parnassiinae (Lepidoptera, Papilionidae). Tijdschr. Ent. 136: 137-146.
- 357. Häuser, C.L. & W.Eckweiler, 1997, A catalogue of the species-group taxa in Agrodiaetus Hübner, 1822, a subgenus of Polyommatus Latreille, 1804 (Lep., Lycaenidae), [in] Eckweiler & Häuser, Contributions to the systematics and biology of the Polyommatus (Agrodiaetus) species-group (Lep.). Nachr. Ent. Ver. Apollo, Suppl. 16: 53-112.
- **358. Häuser, C.L.**, 1993, Critical comments on the phylogenetic relationships within the family Papilionidae (Lepidoptera). Nota lepid. 16 (1): 34-43.
- **359. Haworth, A.H.**, 1803-1828, Lepidoptera Britannica, sistens digestimen novam lepidopterorum quae in Magna Britannica reperiunter...Pt.1 (1803): 1-136; Pt.2 ([1809]): 137-376; Pt.3 ([1811]): 377-512; Pt.4 (1828): 513-609. London.
- **360. Heath, J.**, 1981, Threatened Rhopalocera (butterflies) in Europe. Nature Environ. Ser. 23: 1-157.
- **361. Hemming,A.F.,** 1928, Baoris zelleri Led. an unrecognized European Hesperid. Proc. ent. Soc. London 3: 61-64, figs.
- **362. Hemming,A.F.,** 1929, Carcharodus dravira Moore, a good species. Proc. ent. Soc. London 4: 1-3, pl.i.
- **363. Hemming,A.F.,** 1929, Two new subspecies of Polyomatus loewii Zell. Proc. ent. Soc. London 4:
- **Hemming, A.F.**, 1929, Notes on the generic names of the Holarctic Lycaenidae (Lep., Rhop.). Ann. Mag. nat. Hist. (10) 3: 217-245.
- **365. Hemming, A.F.,** 1929, A new subspecies of Zegris eupheme Esper. Proc. ent. Soc. London 4: 26-29, 2 figs.
- **366. Hemming,A.F.,** 1931, Revision of the genus Iolana Bethune-Baker (Lepidoptera, Lycaenidae). Trans. ent. Soc. London 79(2): 323-333, Pl.
- **367. Hemming,A.F.,** 1931, Descriptions of three palaearctic butterflies. Ann. Mag. nat. Hist. 10 (8): 534-536.

- **368. Hemming,A.F.,** 1932, Revisional notes on certain generic and specific names proposed for species of the genus Agapetes Billberg (Lepidoptera, Satyridae). Ann. Mag. nat. Hist. (10) 10: 571-574.
- **369. Hemming,A.F.,** 1932, Supplementary notes on the collections of butterflies made in Greece, T. vicrama astabene nom. nov. Entomologist 65: 179-183.
- **370. Hemming,A.F.,** 1932, The Butterflies of Transjordan. Trans. ent. Soc. Lond. 80(2): 269-299, 3 text-figs., Pls.xv,xvi.
- **371. Hemming, A.F.,** 1933, A new Syrian butterfly (Lepidoptera, Lycaenidae). Entomologist 66: 7-8.
- **Hemming, A.F.**, 1934, The generic names of the Holarctic butterflies. vol.1: 1758-1863. 184pp.
- **Hemming, A.F.**, 1934, Notes on two collections of butterflies made in Palestine, with a note on the occurrence in Transjordan of an unrecorded species. Entomologist 67: 1-4, 29-32, 135-137, 196-199.
- **Hemming, A.F.,** 1934, Revisional notes on certain species of Rhopalocera (Lepidoptera) Stylops 3(9): 193-200.
- **375. Hemming,A.F.,** 1967, The Generic names of the butterflies and their type-species (Lepidoptera, Rhopalocera). Bull. Br. Mus. (Nat. Hist.) Ent., Suppl. 9: 1-509.
- **376. Hensle,J.**, 1993, Beobachtungen bei westanatolischen Osterluzeifaltern (Lepidoptera, Papilionidae). Nachr. ent. Ver. Apollo (N.F.) 14(3): 289-299, 13 Abb.
- **Heppner, J.B.**, 1977, The status of the Glyphipterigidae and a reassessment of relationships in Yponomeutoid families and Ditrisian superfamilies. J. Lepid. Soc. 31(2): 124-134.
- **378. Herrich-Schäffer,G.A.W.,** 1843-[1856], Systematische Bearbeitung der Schmetterlinge von Europa, zugleich als Text, Revision und Supplement zu Jacob Hübner's Sammlung europäischer Schmetterlinge. 6 vols. Regensburg.
- **Hesselbarth,G. & K.G.Schurian**, 1984, Beitrag zur Taxonomie, Verbreitung und Biologie von Tomares nogelii (Herrich-Schäffer,1851) in der Türkei (Lep., Lycaenidae). Entomofauna 5(20): 243-250.
- **380. Hesselbarth,G. & W.Siepe**, 1993, Polyommatus (Aricia) torulensis eine bisher nicht bekannte Lycaenide aus Anatolien (Lepidoptera, Lycaenidae). Phegea 21(2): 47-53, Pls.
- **381. Hesselbarth,G.,** 1974, Anmerkungen zu den ersten Ständen von Hipparchia fatua. NachrBl. bayer. Ent. 23(2): 23-28, Abb.
- **382. Hesselbarth,G.,** 1977, Anmerkungen zur Biologie von Chazara bischoffi (Herrich-Schäffer) (Satyridae). Nota lepid. 1(1): 39-41.
- **383. Hesselbarth,G.**, 1983, Beitrag zur Biologie von Ypthima asterope Klug (Lepidoptera, Satyridae). Nachr. ent. Ver. Apollo (N.F.) 4 (1): 7-14, 5 figs.
- **384. Hesselbarth,G.,** 1983, Anmerkungen zur Biologie und Verbreitung von Coenonympha saadi Kollar (Lepidoptera, Satyridae). Nota lepid. 6 (2/3): 111-120, 5 figs.
- **385. Hesselbarth,G.,** 1987, Beitrag zur Kenntnis der ersten Stände und zum Biotopverhalten von Pseudochazara mniszechii (Herrich- Schäffer,1851) und P. mamurra (Herrich- Schäffer,1846) (Lep., Nymphalidae, Satyrinae). Phegea 15(3): 121-129, figs.
- **386. Hesselbarth,G., Oorschot,H.v. & S.Wagener**, 1995, Die Tagfalter der Türkei unter Berücksichtigung der angrenzenden Länder. Bde. 1 & 2: 1354 S. 75 Abb., 21 Tab., 2 fb. Karte, 36 fb. Tab. Bd.3: 847 S., 128 fb. Tab., 13 sw Tab., vi+342 Karte. Selbstverlag S.Wagener, Bocholt.
- **387. Heydemann,F. & A.Schulte,** 1963, Beitrag zur Macrolepidopterenfauna des Irak. Mitt. münch. ent. Ges. 53:80-107, Taf.vii, 2Abb.
- **388. Heyden,T.v.d.**, 2009, Bemerkungen zur Biologie, zur Ökologie und zur Verbreitung von Danaus chrysippus Linnaeus,1758 im Mittelmeerraum, insbesondere in der Türkei (Lepidoptera, Nymphalidae, Danainae). Nachr. ent. Ver. Apollo (N.F.) 30 (3): 173-176, figs.
- 389. Heyne, A., 1897, Polyommatus virgaureae L. nov. var. aureomicans Heyne. Societas ent. 12: 9.
- **390. Higgins,L.G. & N.D.Riley,** 1970, A Field Guide to the Butterflies of Britain and Europe. 380pp. 60 Pls., 371 maps. Collins St James's Place, London.
- **391. Higgins,L.G. & N.D.Riley**, 1976, Satyrus sintenisi Staudinger, 1895. A Synonym of Satyrus mamurra Herrich-Schäffer,1845 (Lep., Satyridae). Entomologist's Gaz. 27: 213-214, pl.
- **392. Higgins,L.G.,** 1941, An illustrated catalogue of the Palaearctic Melitaea (Lep., Rhopalocera). Trans. R. ent. Soc. Lond. 91 (7): 175-354, 16 Pls, 214 figs., 7 maps.
- **393. Higgins,L.G.,** 1950, A descriptive catalogue of the Palaearctic Euphydryas (Lepidoptera, Rhopalocera). Trans. R. ent. Soc. Lond. 101 (2): 435-489, 7 maps, 44 figs.
- **394. Higgins,L.G.,** 1955, A descriptive catalogue of the genus Mellicta Billberg (Lepidoptera, Nymphalidae) and its species, with supplementary notes on the genera Melitaea and Euphydryas. Trans. R. ent. Soc. Lond. 106 (1): 1-131, 2 Pls., 4 maps, 88 figs.
- **395. Higgins, L.G.**, 1958, Butterflies in Kurdistan. Entomologist 91: 38-45.
- 396. Higgins, L.G., 1964, Butterflies of Lebanon. Entomologist 97: 193-200, Pl.viii.
- **397. Higgins, L.G.**, 1965, Five new butterflies. Entomologist 98: 10-12.
- **398. Higgins, L.G.**, 1966, Check-List of Turkish Butterflies. Entomologist 99: 209-222, 1 map.
- 399. Higgins, L.G., 1969, A New Genus of European Butterflies (Lycaenidae). Entomologist 102: 67.

- **400. Higgins,L.G.,** 1974, A new subspecies of Spialia phlomidis (Herrich-Schäffer) (Lepidoptera, Rhopalocera). J. Ent. (B) 43(1): 83-87, 14 figs.
- **401. Higgins,L.G.,** 1975, The classification of European butterflies. 320 pp., 402 text-figs. Collins, London.
- **402. Higgins,L.G.,** 1978, A Revision of the genus Euphydryas Scudder (Lep., Nymphalidae). Entomologist's Gaz. 29: 109-115, 19 figs.
- **403. Hoffmann,O.,** [1898], Verzeichniss d. von K. Escherich und Prof. Dr. L. Kathariner bei Angora in Zentral Kleinasien gesammelten Schmetterlinge. Dt. ent. Z., Iris 10: 231-240, figs.
- **404. Hofmann,P. & K.Rose,** 1987, Zur Rhopaloceren-Fauna Zyperns. Nachr. ent. Ver. Apollo (N.F.) 7 (4): 133-141, 7 Abb.
- **405. Holik,O.**, 1949, Über die Gattung Satyrus I. Z. wien. ent. Ges. 34: 98-105.
- **406. Holtz,M.,** 1897, Die Macrolepidopteren-Fauna Ciliciens. Ein Beitrag zur Insektenfauna Kleinasiens. Illte Wschr. Ent. 2: 42-47, 60-63, 77-79, 88-93.
- **407. Hopffer,C.,** 1865, Bericht über Felder's Lepidoptera der Reise der Fregatte Novara. Stettin ent. Ztg. 26: 382-398.
- **408. Hopffer,C.,** 1869, Bericht über Felder's Lepidoptera der Reise der Fregatte Novara. Stettin ent. Ztg. 30: 427-453.
- 409. Hufnagel, 1766, Tabelle von den Tagvögeln der Gegend um Berlin. Berl. Mag. 2: 54-90.
- **410. Hübner,J.**, 1799-[1838], Sammlung europäischer Schmetterlinge. vol. 1, Papilios: 207 Pls., Augsburg.
- 411. Hübner, J., 1816-[1826], Verzeichnis bekannter Schmetterlinge. 431 pp., Augsburg.
- **412. Hübner,J.**, 1822, Systematisch -alphabetisches Verzeichniss aller bisher bei den Fürbildungen zur Sammlung europäischer Schmetterlinge ausgegebenen Benennungen mit Vormerkung auch Augsburgscher Gattungen. 81 pp. Augsburg.
- **413. Hüseyinoğlu,Y.,** 1999, Sincanlı (Afyon) Papilionoidea ve Hesperioidea faunası üzerine araştırmalar (Lepidoptera). Cent. ent. Stud., Misc. Pap. 60: 1-8.
- **1414. Igarashi,S.,** 1971, Protapatura iwasei; a new Nymphalİd butterfly from Kurdistan, the Northern Iraq (Nymphalidae). Tyo to Ga 22 (1/2): 14-17, 6 figs.
- **13. Igarashi,S.,** 1984, The classification of the Papilionidae mainly based on the morphology of their immature stages. Tyo to Ga 34 (29): 41-96.
- **416. Jachontov, A.A.**, 1935, Our Butterflies. Moskow.
- 417. Janzon, L.-A., 1987, Some records of Cypriot butterflies. Entomologist's Gaz. 38: 91-92.
- **418. John, E. & C.Markis**, 2001, Libythea celtis (Laicharting, 1782) (Lepidoptera, Libytheidae): Presence of a breeding colony in the Troodos Mountains, Cyprus. Entomologist's Gaz. 52: 173-180.
- 419. John, E. & R. Parker, 2002, Dispersal of Hipparchia cypriensis (Holik, 1949) (Lepidoptera, Nymphalidae, Satyrinae) in Cyprus. with notes on its ecology and life-history. Entomologist's Gaz. 53: 3-18.
- **420. John, E.,** 2000, Butterflies of Cyprus 1998 (Records of a year's sightings). 46 pp., 1 Tb., 52 maps. Pamphlet no.15, The Amateur Entomologists' Society, London.
- **421. John, E.,** 2001, Migration of Vanessa cardui (L.) (Lep., Nymphalidae) through Cyprus, March 2001. Entomologist's Rec. J. Var. 113: 269-281.
- 422. Johnson, G., 1967, Butterfly Expedition to Iran, 1966. Entomologist's Rec. J. Var. 79: 35-42.
- **Jong, R.de**, 1972, Systematics and geographic history of the genus Pyrgus in the Palaearctic Region (Lepidoptera, Hesperiidae). Tijdschr. Ent. 115 (1): 1-121, 60 textfigs., 6 Pls.
- **Jong, R.de**, 1974, Notes on the genus Carcharodus (Lepidoptera, Hesperiidae). Zool. Meded. 48: 1-9, figs.
- **Jong, R.de**, 1976, Affinities between the West palaearctic and Ethiopian butterfly faunas. Tijdschr. Ent. 119: 165-215, maps.
- **426. Jong,R.de**, 1978, Monograph of the genus Spialia Swinhoe (Lepidoptera, Hesperiidae). Tijdschr. Ent. 121: 23-146.
- **Jong, R.de**, 1984, Notes on the genus Thymelicus Hübner (Lepidoptera, Hesperiidae). Nota lepid. 7 (2): 148-163, 31 figs.
- **428. Jordan,K.**, 1907, Familie: Papilionidae, Segelfalter. [in] Seitz,A., Die Gross-Schmett. Erde 5: 11-45, pls. 1-17.
- **429. Kalchberg, A.F.,** [1897], Ueber die Lepidopteren-Fauna von Haifa in Syrien. Dt. ent. Z., Iris 10: 161-
- **430. Kandul, N.P. & V.A.Lukhtanov,** 1997, Karyotype variability and systematics of the blue butterflies of the species groups Polyommatus (Agrodiaetus) poseidon and P. (A.) dama (Lepidoptera, Lycaenidae). Zool. Zh. 76 (1): 63-69.
- **431. Kandul,N.P., et al.,** 2004, Phylogeny of Agrodiaetus Hübner,1822 (Lepidoptera, Lycaenidae) inferred from mtDNA sequences of COI and COII and nuclear sequences of EF1-alfa: Karyotype diversification and species radiation. Syst. Biol. 53 (2): 278-298.

- **432. Kansu,İ.A.,** 1955, Orta Anadolu Meyva Ağaçlarına Zarar Veren Bazı Makrolepidoptera Türlerinin Evsafı ve Kısa Biyolojileri Üzerine Araştırmalar. Ziraat Vekaleti Neşriyatı ve Haberleşme Müdürlüğü, yayın no.704, Ankara.
- **433. Karaca, U.,** 2008, List of the butterflies of the Kırklareli Province (N.W.Turkey). Cesa News 29: 11-14.
- **434. Karatepe,Y.,** 2003, Gelibolu Yarımadası Tarihi Milli Parkının Lepidoptera türleri. Süleyman Demirel Univ. Orman Fak. Derg. (A) 1: 167-180.
- **435. Karsholt,O. & J.Razowski (eds),** 1996, The Lepidoptera of Europe, A Distributional Checklist. 380 pp., Apollo Books, Stentrup.
- **436. Kasparek,M.,** 1993, A record of the plain tiger, Danaus chrysippus in Western Anatolia. Zool. Middle East 9: 81-82.
- **437. Katbeh-Bader, A., Amr, Z.S. & S.Isma'el,** 2003, The butterflies of Jordan. J. Res. Lepid. 37 (1998): 11-26.
- **438. Kayci,L.**, 2007, Studies on the fauna and ecology of Papilionoidea and Hesperioidea in Erek Mountain (Van). Cent. ent. Stud., Priamus (suppl.) 6: 1-47.
- **439. Kemal,M. & A.Ö.Koçak,** 2005, Annotated Checklist of the Lepidoptera of Çatak Valley (Van Province, Turkey), Part I. Cent. ent. Stud., Priamus 11 (3): 29-58.
- **440. Kemal,M. & A.Ö.Koçak,** 2006, List of the butterflies of Urfa Province (South Turkey) (Lepidoptera, Papilionoidea, Hesperioidea). Cent. ent. Stud., Misc. Pap. 94: 3-8.
- **441. Kemal,M. & A.Ö.Koçak**, 2006, List of the butterflies of Mardin Province (South Turkey) (Lepidoptera, Papilionoidea, Hesperioidea). Cent. ent. Stud., Misc. Pap. 96: 1-7.
- **442. Kemal,M. & A.Ö.Koçak**, 2006, Diurnal Lepidoptera in the Nemrut Crater (East Turkey). Cent. ent. Stud., Misc. Pap. 101: 1-8, 10 figs.
- **443. Kemal,M. & A.Ö.Koçak**, 2007, Revised and expanded list of the vernacular names of the Lepidoptera in Turkish language. Cent. ent. Stud., Priamus 12 (4): 95-125.
- **444. Kemal,M. & A.Ö.Koçak,** 2007, Chapter 9: List of the Lepidoptera recorded in Iraq, [in] Koçak,A.Ö. & M.Kemal, Results of the International Project of the CESA on the Lepidoptera of the World-I. Cent. ent. Stud., Memoirs 3-4: 1718-1739.
- **445. Kemal,M. & A.Ö.Koçak,** 2008, First scientific trip to the South West Van lake Region (6-8 March,2008). Cesa News 7: 1-15, 25 figs.
- **Kemal,M. & A.Ö.Koçak**, 2008, Further record of pre-imaginal stages of Esperarge (s.str.) clymene ssp. valentinae (Miller) from Van Province (East Turkey). Cesa News 19: 1-5, 5 figs. 1 map.
- **Kemal,M. & A.Ö.Koçak**, 2008, Second attempt for determining the Lepidoptera fauna of Kozluk with notes on some other insects of the district (Batman Prov., East Turkey)-I. Cesa News 20: 1-15, 26 figs.; ibid. 21: 1-15, 28 figs.; ibid. 22: 1-13, 25 figs.
- **Kemal,M. & A.Ö.Koçak**, 2008, Second attempt for determining the Lepidoptera fauna of Kozluk with notes on some other insects of the district (Batman Prov., East Turkey)-II. Cesa News 23: 1-4.
- **Kemal,M. & A.Ö.Koçak**, 2008, Illustrated notes on the entomological trips to various provinces of East Turkey-I. Tahir Pass (Ağrı Province). Cesa News 24: 1-12, 1 map, 20 figs.
- **450. Kemal,M. & A.Ö.Koçak,** 2008, Illustrated notes on the entomological trips to various provinces of East Turkey-II. Kop Dağı and Vauk Dağı (Erzurum and Gümüşhane Provinces). Cesa News 25: 1-19, 3 maps 31 figs.
- **451. Kemal,M. & A.Ö.Koçak**, 2008, Announcement [about Biological Station and Research Laboratory (BSRL) of the Cesa]. Cesa News 26: 1-11, 20 figs.
- **452. Kemal,M. & A.Ö.Koçak,** 2008, Brief field notes on the Insecta observed in South and East Turkey in late August 2008. Cesa News 30: 1-17, 27 figs.
- **453. Kemal,M. & A.Ö.Koçak**, 2010, Miscellaneous notes on the pterygot insects of Kato Mountains with illustrations their spring aspects (South East Turkey). Cesa News 57: 1-67, 107 figs. 1 map.
- **454. Kemal,M. & E.Seven**, 2008, Spring aspect of the diurnal Lepidoptera fauna of Şirvan District (Siirt Province) (South East Turkey). Cesa News 10: 1-14, 21 figs.
- **455. Kemal,M. & I.Akdeniz**, 2008, Scientific note: On the Early Stages of Princeps demoleus (Linnaeus,1758) in South East Turkey (Lepidoptera, Papilionidae). Cesa News 2: 9-13, 17 figs.
- **456. Kemal,M. & M.Aydın**, 2008, List of the Lepidoptera of Diyarbakır Province (East Turkey). Cesa News 15: 1-6.
- **457. Kemal,M. & M.Aydın**, 2008, Spring aspects of the diurnal Lepidoptera of Kulp District with new faunal records (Diyarbakır Province, East Turkey). Cesa News 14: 1-12, 15 figs.
- **458. Kemal,M. & M.Mükemre,** 2011, New larval food-plant and pupa of the species Satyrium abdominalis in East Turkey (Lepidoptera, Lycaenidae). Cesa News 64: 1-3, 3 figs.
- **Kemal,M.,** 2000, Tomares (nogelii) dobrogensis ssp. uighurica (ssp.n.) [in] Koçak,A., Enkhere vilayitidiki kepineklirining sinonumik tizimliği (Lepidoptera). Cent. ent. Stud., Misc. Pap. 67/69: 14.
- **460. Kemal,M.**, 2000, Tomares (nogelii) nogelii ssp. cesa (ssp.n.) [in] Koçak,A., Enkhere vilayitidiki kepineklirining sinonumik tizimliği (Lepidoptera). Cent. ent. Stud., Misc. Pap. 67/69: 14.

- **461. Kemal,M.**, 2006, Bilimsel gezilerimden anılar I-Norduz Yaylası. Cent. ent. Stud., Priamus Suppl.4: 1-25, 52 figs.
- **462. Kemal,M.,** 2006, Bir Dünya Mirası A World Inheritance. A Documentary film on DVD format. Narrated in Turkish by Muhabbet Kemal, subtitle in English. 28 minutes, 10 seconds. A Cesa Production.
- **463. Kemal,M.,** 2008, Van Gölü havzasında kelebek çeşitliliği (Diversity of the butterflies in Van Lake Basin East Turkey). Cesa News 9: 1-6, 5 figs.
- **Kemal,M.**, 2008, Pieris ergane [in] Butterflies at Artos Mountain, Van Province, East Turkey. Icon. Insect. (A), <a href="http://www.archive.org/details/PierisErganeInButterfliesAtArtosMountVanProvinceEastTurkey">http://www.archive.org/details/PierisErganeInButterfliesAtArtosMountVanProvinceEastTurkey</a>
- **Kemal,M.,** 2009, Biodiversity in Erek Mountain and its rarest butterfly Callophrys mystaphia (Lepidoptera, Lycaenidae). <a href="http://www.archive.org/details/BiodiversityInErekMountainAndItsRarestButterflyCallophrysMystaphiaeg">http://www.archive.org/details/BiodiversityInErekMountainAndItsRarestButterflyCallophrysMystaphiaeg</a>
- **466. Kemal,M., Koçak,A.Ö. & E.Seven,** 2010, Occurrence of Colotis fausta in South East Turkey (Lepidoptera, Pieridae). Cesa News 61: 2-8, 10 figs.
- **467. Kemal,M., Koçak,A.Ö. & K.Akın,** 2008, List of the Lepidoptera of Mardin Province (South East Turkey) with some faunistical remarks. Cesa News 16: 1-10, 8 figs.
- **468. Kemal,M., Koçak,A.Ö. & K.Akın,** 2008, Butterflies of Batman Province (East Turkey) (Lepidoptera). Cesa News 17: 1-6, 7 figs.
- **469. Kemal,M., Özkol,H. & L.Kayci,** 2008, Diurnal Lepidoptera of Sarmaç village Erek Mountain (Van Province, East Turkey). Cesa News 19: 5-17, 20 figs.
- **470. Kheil,N.M.,** 1911, Parnassius nordmanni, nebst einer Einleitung über die "Parnassiiden als Handelsartikel". Int. ent. Z. 5: 83-86.
- **471. Kirby,W.F.,** 1871, A synonymic catalogue of the diurnal Lepidoptera. viii+690pp. John van Voorst, London.
- **Kirby, W.F.**, 1877, A synonymic catalogue of the diurnal Lepidoptera. Supplement March 1871-June 1877. vii+691-883pp. John van Voorst, London.
- 473. Kirby, W.F.G., 1903, The butterflies and moths of Europe. 432 pp., 55 col. pls.; Cassell & Co., London.
- 474. Klots, A.B., 1930, A generic revision of the Euchloini. Bull. Brooklyn ent. Soc. 25: 80-95, 1 pl.
- **Klots, A.B.**, 1933, A generic revision of the Pieridae. Entomologica am. (N.S.) 12: 139-242.
- **Klots, A.B.**, 1970, Lepidoptera. [in] Tuxen, S.L. (Ed.), Taxonomist's glossary of genitalia in Insects. 115-130 pp., Munksgaard, Copenhagen (Edn. 2).
- **Klug,F.,** 1829-1845, Insecta [in] Ehrenberg,C.G., Symbole Physicae, seu icones et descriptiones corporum naturalium novarum aut minus cognitorum [183] pp., 50 Pls. Berolini.
- **Kneucker,A.,** 1909, Zoologische Ergebnisse zweier in den Jahren 1902 und 1904 durch die Sinaihalbinsel unternommener botanischer Studienreisen nebst zoologischen Beobachtungen aus Aegypten, Palästina und Syrien I.Teil. 90S., 5 Taf., Karlsruhe.
- **Koçak, A.Ö. & M.Kemal**, 2000, Nomenclatural notes on some taxa (Papilionoidea, Lepidoptera). Cent. ent. Stud., Misc. Pap. 65/66: 10-12.
- **480. Koçak,A.Ö. & M.Kemal,** 2000, Chazara briseis (Linnaeus) üzerine revizyon notları (Satyridae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 65/66: 1-5.
- **481. Koçak,A.Ö. & M.Kemal**, 2000, Euphydryas Scudder cinsi içinde "sareptana Staudinger"in taksonomik durumu hakkında (Argynnidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 70: 5-6.
- **482. Koçak,A.Ö. & M.Kemal,** 2001, Addenda and Corrigenda to the work entitled: "Guide to the butterflies of Russia and adjacent territories (Lepidoptera, Rhopolocera) volume 2" edited by Tusov, V.K. et al., Sofia Moscow, 2000. Cent. ent. Stud., Stud., Misc. Pap. 74: 1-3.
- **483. Koçak,A.Ö. & M.Kemal,** 2001, Lepidoptera coğrafyası üzerine araştırmalar 1. Ankara vilayeti kelebeklerinin zoocoğrafik analizi. Cent. ent. Stud., Priamus 10 (3/4): 105-111.
- **484. Koçak,A.Ö. & M.Kemal,** 2001, Lepidoptera coğrapiyesi üstide tetqiqatlar 3.İraq képinekliri üstide zoocoğrapiyelik hatiriler (Lepidoptera, Papilionoidea, Hesperioidea). Cent. ent. Stud., Priamus 10 (3/4): 164-173 [in Uighur language].
- **485. Koçak,A.Ö. & M.Kemal**, 2001, Addenda and Corrigenda to the work entitled: "Guide to the butterflies of Russia and adjacent territories (Lepidoptera, Rhopolocera) volume 2" edited by Tusov, V.K. et al., Sofia Moscow, 2000. Cent. ent. Stud., Misc. Pap. 75: 1-3.
- **486. Koçak,A.Ö. & M.Kemal**, 2001, Türkiye kelebeklerinin anadillerdeki isimlerinin listesi. Cent. ent. Stud., Misc. Pap. 72/73: 1-15.
- **487. Koçak,A.Ö. & M.Kemal,** 2002, Euapatura mirza'nın besin bitkisi hakkında (Lepidoptera, Argynnidae). Cent. ent. Stud., Misc. Pap. 86: 5-7, figs.
- **488. Koçak,A.Ö. & M.Kemal,** 2002, Bazı taksonomik ve zoocoğrafik notlarla birlikte Hyponephele Muschamp cinsinin kataloğu (Lepidoptera, Satyridae). Cent. ent. Stud., Misc. Pap. 80/81: 1-15, 1 Tab.
- **489. Koçak, A.Ö. & M.Kemal**, 2002, Faunistik taksonomik ve zoocoğrafik notlarla Çatak kelebekleri (Papilionoidea, Hesperioidea, Lepidoptera). Cent. ent. Stud., Misc. Pap. 82/85: 1-32, figs.
- **490. Koçak,A.Ö. & M.Kemal,** 2006, Checklist of Lepidoptera of Turkey. Cent. ent. Stud., Priamus Suppl. 1: 1-196.

- **491. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Şırnak Province (South East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 127: 1-8.
- **492. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Ardahan Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 128: 1-8.
- **493. Koçak, A.Ö. & M.Kemal**, 2007, Synonymical and distributional list of the species of Iğdır Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 129/130: 1-12.
- **494. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of İçel Province (South Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 131-133: 1-20.
- **495. Koçak,A.Ö. & M.Kemal,** 2007, Revised and annotated checklist of the Lepidoptera of Turkey. Cent. ent. Stud., Priamus Suppl. 8: 1-150, 2 Tables.
- **496. Koçak,A.Ö. & M.Kemal,** 2007, Annotated List of the Lycaena Fabr. (Lycaenidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 135: 1-8.
- **497. Koçak,A.Ö. & M.Kemal**, 2007, Synonymical and distributional list of the species of Bursa Province (North West Turkey) (Lepidoptera). Cent. ent. Stud., Priamus 11 (5): 81-111.
- **498. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Kars Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Priamus 11 (6): 113-131.
- **499. Koçak,A.Ö. & M.Kemal**, 2007, Synonymical and distributional list of the species of Kahramanmaraş Province (South Turkey) (Lepidoptera). Cent. ent. Stud., Priamus 11 (7): 133-171.
- **500. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Ankara Province (Central Turkey) (Lepidoptera). Cent. ent. Stud., Priamus 12 (1): 1-32.
- **501. Koçak,A.Ö. & M.Kemal**, 2007, Synonymical and distributional list of the species of Konya Province (Central Turkey) (Lepidoptera). Cent. ent. Stud., Priamus 12 (2): 33-62.
- **502. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Adıyaman Province (South East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 106: 3-8.
- **503. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Ağrı Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 107/108: 1-12.
- **504. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Artvin Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 109/110: 1-16.
- **505. Koçak,A.Ö. & M.Kemal**, 2007, Synonymical and distributional list of the species of Elazığ Province (East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 113/114: 1-12.
- **506. Koçak, A.Ö. & M.Kemal**, 2007, Synonymical and distributional list of the species of Bitlis Province (East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 111/112: 1-12.
- **507. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Erzurum Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 117/119: 1-20.
- **508. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Hatay Province (South Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 120/121: 1-16.
- **509. Koçak,A.Ö. & M.Kemal,** 2007, Synonymical and distributional list of the species of Malatya Province (East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 122/123: 1-12.
- 510. Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Tunceli Province (East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 124/125: 1-12.
- **511. Koçak,A.Ö. & M.Kemal,** 2008, Announcement with illustrations: "Studies on the Lepidoptera Fauna of Artos Mountain (Van Province, East Turkey)". Cesa News 27: 1-10, 18 figs.
- **Koçak, A.Ö. & M.Kemal**, 2008, On the late summer butterflies of Artos Mountain (Van Province, East Turkey). Cesa News 29: 1-11, 17 figs.
- **Koçak, A.Ö. & M.Kemal,** 2008, Synonymical and distributional list of the species of Muş Province (East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 142: 1-6.
- **514. Koçak,A.Ö. & M.Kemal**, 2008, Checklist of the diurnal Lepidoptera of Turkey. Cent. ent. Stud., Priamus Suppl. 15: 1-41.
- **Koçak, A.Ö. & M.Kemal**, 2010, Evaluation of the lepidopterological bibliography based upon the info-system of the Cesa. Cent. ent. Stud., Priamus (Suppl.) 21: 1-1185, 39 figs. 3 graphs.
- **516. Koçak,A.Ö. & M.Kemal,** 2010, Synonymic and distributional list of the pterygot insects of Middle East (Results of the Entomofauna of the World based upon info-system of the Cesa) 88, Part 2: List of the valid names of the order Lepidoptera. Cent. ent. Stud., Priamus (Suppl.) 18: 3077-3186.
- **Koçak,A.Ö. & M.Kemal,** 2010, Synonymic and distributional list of the pterygot insects of Cyprus (Results of the Entomofauna of the World based upon info-system of the Cesa) 4, Synonymic and distributional list of the order Lepidoptera of Cyprus. Cent. ent. Stud., Priamus (Suppl.) 18: 420-476.
- **518. Koçak,A.Ö. & M.Vural,** 1998, Türkiye'deki bazı Lepidopter'lerin biyonomisi hakkında (Lepidoptera). Cent. ent. Stud., Misc. Pap. 51: 6-7.
- **Koçak, A.Ö. & S.Seven,** 1990, Anthocharis cardamines (Linnaeus) türünün erken gelişme safhaları üzerine bir çalışma (Lepidoptera, Pieridae). Cent. ent. Stud., Misc. Pap. 8: 5-7, şek.1.
- **520. Koçak,A.Ö. & S.Seven**, 1991, Faunistische Notizen über Türkisch-Thrazien Lepidopteren. Cent. ent. Stud., Misc. Pap. 10: 4-12, 4 Abb.

- **521. Koçak,A.Ö. & S.Seven**, 1991, Lepidopterlerin erken gelişme safhaları ve beslenme biyolojisine katkılar-I. Cent. ent. Stud., Priamus 5 (4): 149-156, 9 şekil.
- **522. Koçak,A.Ö. & S.Seven**, 1991, Faunistisch- ökologische Notizen über Tagfalterfauna von Kızılcahamam (Prov. Ankara, Türkei) (Lepidoptera). Cent. ent. Stud., Priamus 5 (4): 105-122, 3 Abb.
- **523. Koçak,A.Ö. & S.Seven,** 1993, Über die Tagfalterfauna des Gebirges Hodulca bei Kızılcahamam (Prov. Ankara, Türkei). Cent. ent. Stud., Priamus 6 (3/4): 97-113.
- **524. Koçak, A.Ö. & S.Seven**, 1994, Türkiye Lepidoptera faunasına katkılar-II. Cent. ent. Stud., Misc. Pap. 21: 1-8.
- **525. Koçak,A.Ö. & S.Seven**, 1994, Türkiye Lepidoptera faunasına katkılar-I. Cent. ent. Stud., Misc. Pap. 20: 1-8.
- **Koçak, A.Ö. & S.Seven**, 1995, Türkiye'den Yeni Bir Lycaenidae Taksonu Hakkında (Lepidoptera). Cent. ent. Stud., Misc. Pap. 25: 1-5, 1 harita.
- **Koçak, A.Ö. & S.Seven**, 1995, Tokat Papilionoidea ve Hesperioidea Faunası ve Ekolojisi Hakkında (Lepidoptera). Cent. ent. Stud., Priamus 7 (3): 93-116.
- **528. Koçak,A.Ö. & S.Seven**, 1996, Anadolunun Diurnal Lepidoptera Birlikleri ve Ekolojisi. Cent. ent. Stud., Priamus 8 (3/4): 53-167.
- **529. Koçak,A.Ö. & S.Seven,** 1998, Eski Dünya Polyommatina alttribusuna ait taksonların nomenklatürü ve sınıflandırması hakkında (Lepidoptera, Lycaenidae). Cent. ent. Stud., Misc. Pap. 49: 1-5, 1 grafik.
- **530. Koçak, A.Ö. & S.Seven**, 1998, A tentative list of the threatened butterflies in Turkey. Cent. ent. Stud., Misc. Pap. 52: 3-8.
- **Koçak, A.Ö. & S.Seven,** 1998, On the Papilionoidea and Hesperioidea fauna of the Mount Karyağdı (Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 53/54: 1-12.
- **532. Koçak,A.Ö.,** 1975, A new species of genus Lysandra from Turkey (Lepidoptera, Lycaenidae). Atalanta 6 (1): 31-34, 6 figs.
- **533. Koçak,A.Ö.,** 1976, A new subspecies of Melanargia larissa from Turkey (Lepidoptera, Satyridae). Atalanta 7 (1): 40-41, 2 figs.
- **Koçak,A.Ö.,** 1977, Studies on the family Lycaenidae (Lep.) I. New taxa and records from East Turkey. Atalanta 8 (1): 41-62, 24 figs.
- **535. Koçak, A.Ö.**, 1977, New Lepidoptera from Turkey V. Atalanta 7 (2): 126-146, 47 Abb, 1 map.
- **536. Koçak, A.Ö.,** 1977, New Lepidoptera from Turkey IV. Description of a new subspecies of Archon apollinus (Herbst, 1789) (Parnasiidae). NachrBl. bayer. Ent. 26 (3): 54-60, 7 figs.
- **537. Koçak,A.Ö.,** 1978, Pseudochazara mamurra Herrich-Schäffer aus dem Libanon mit Beschreibung einer neuen Unterart (Lep., Satyridae). Atalanta 9 (4a): 372-375, 4 Abb.
- **538. Koçak,A.Ö.,** 1979, Studies on the family Lycaenidae II. New Taxa and Records from Turkey. Atalanta 10 (4a): 309-325, 37 figs.
- **539. Koçak, A.Ö.,** 1980, Studies on the family Lycaenidae III. A review of the subspecies of Agrodiaetus (Sublysandra) myrrhus (H.-S.,1852). Atalanta 11 (4): 262-272, 14 figs.
- **540. Koçak, A.Ö.,** 1980, Some notes on the nomenclature of Lepidoptera. Communs Fac. Sci. Univ. Ankara, (Ser C3, Zool.) 24: 7-25.
- **541. Koçak,A.Ö.**, 1980, On the nomenclature of some genus- and species-group names of Lepidoptera. Nota lepid. 2 (4): 139-146.
- **Koçak, A.Ö.**, 1981, On the status of the family names Nymphalidae and Heliconiidae described by Swainson. Cent. ent. Stud., Priamus 1 (2): 93-96.
- **543.** Koçak, A.Ö., 1981, On the type-species of the genus Proterebia Roos & Arnscheid, 1980 (Satyridae, Lepidoptera). Cent. ent. Stud., Priamus 1 (1): 6-7.
- **Koçak, A.Ö.**, 1981-1984, Critical Check-list of European Papilionoidea (Lepidoptera). Cent. ent. Stud., Priamus 1 (2): 46-90; 1 (4): 155-167; 2 (2): 69-92; 3 (1): 11-37.
- **Koçak, A.Ö.**, 1982, Notes on Archon apollinus (Herbst,1798) (Papilionidae, Lepidoptera). Cent. ent. Stud., Priamus 2 (1): 44-63, figs., map.
- 546. Koçak,A.Ö., 1982-1987, On the validity of the species group names proposed by Denis & Schiffermüller,1775 in "Ankündung (sic!) eines systematischen Werkes von den Schmetterlingen der Wiener Gegend". Cent. ent. Stud., Priamus 2 (1): 4-42; 3 (3): 98-130; 3 (4): 133-154; 4 (1/2): 22-36; 4 (3): 81-86.
- **547. Koçak,A.Ö.**, 1983, On the nomenclature of the genus Hipparchia Fabricius,1807 (Lepidoptera, Satyridae). Cent. ent. Stud., Priamus 2 (4): 166-169.
- **548. Koçak,A.Ö.**, 1983-1986, More notes on the homonymy of the specific names of Lepidoptera. Cent. ent. Stud., Priamus 2 (1983) (4): 164-166; 3 (1983) (2): 41-42; 4 (1986) (1/2): 55-60.
- **Koçak, A.Ö.**, 1986, Charaxes jasius Linn.'un gece uçuşu ve Anadoludaki yayılışı. Cent. ent. Stud., Priamus 4 (1/2): 45-46.
- **550. Koçak,A.Ö.,** 1986, On the foodplants of Turkish Lepidoptera-I. Cent. ent. Stud., Priamus 4 (1/2): 13-18.

- **551. Koçak,A.Ö.**, 1987, Diurnal Lepidoptera of Çal Dağı (Central Anatolia) 1. Remarks on the Ecology of the species. Cent. ent. Stud., Priamus 4 (3): 87-114.
- **Koçak, A.Ö.**, 1990, Kızılcahamam Lepidoptera faunasına katkılar-I. Cent. ent. Stud., Misc. Pap. 8: 1-4.
- **Koçak, A.Ö.**, 1990, Additional faunistical and ecological notes to the Lepidoptera of Ayaş district (Central Turkey). Cent. ent. Stud., Misc. Pap. 4: 3-7.
- **554. Koçak,A.Ö.**, 1990, On the butterflies of Bilecik province (NW. Turkey). Cent. ent. Stud., Misc. Pap. 2: 6-7.
- **Koçak, A.Ö.**, 1990, An annotated list of the Lepidoptera of Karadere and Bolu district (Prov. Bolu, N.Turkey). Cent. ent. Stud., Misc. Pap. 6: 1-11.
- 556. Koçak, A.Ö., 1990, Ecological notes on the Turkish Lepidoptera. Cent. ent. Stud., Misc. Pap. 4: 1.
- **557. Koçak, A.Ö.**, 1990, Additional notes to the Lepidoptera fauna of Işık Dağı (N.Turkey). Cent. ent. Stud., Misc. Pap. 5: 4-8.
- **558. Koçak, A.Ö.**, 1990, Additional notes to the butterfly fauna of Taurus Mountains in the provinces Antalya and Konya (S.Turkey). Cent. ent. Stud., Misc. Pap. 2: 4-5.
- **559. Koçak,A.Ö.,** 1991, Über Lepidopterenfauna von Kızılcahamam mit taxonomischen Notizen (Lepidoptera). Cent. ent. Stud., Misc. Pap. 9: 1-10, 3 figs.
- **560. Koçak, A.Ö.**, 1992 Further notes on the Lepidoptera of Bilecik Province (NW.Turkey). Cent. ent. Stud., Misc. Pap. 13: 4-8.
- **561. Koçak,A.Ö.**, 1992, Lysandra syriaca ssp. burak (n.ssp.), Güney Anadolu'dan yeni bir Lycaenidae alttürü (Lepidoptera). Cent. ent. Stud., Misc. Pap. 16: 6-8.
- **Koçak**, **A.Ô.**, 1992, Lycaenidae familyasında yeni bir altcins Alciphronia'nın tanımı ve Türkiyede'ki taksonlarına ait bazı taksonomik notlar (Lepidoptera, Lycaenidae). Cent. ent. Stud., Misc. Pap. 16: 1-5.
- 563. Koçak,A.Ö., 1993, Trakyanın ilkbahar lepidopterleri hakkında faunistik notlar. Cent. ent. Stud., Misc. Pap. 17: 1-8.
- **Koçak, A.Ö.**, 1993, Über die Schmetterlinge von Beypazarı (Prov. Ankara, Türkei). Cent. ent. Stud., Priamus 6 (3/4): 113-131.
- **565. Koçak,A.Ö.,** 1996, Güney Batı Asya Polyommatinae taksonlarının listesi ve bazı nomenklatür notları (Lepidoptera, Lycaenidae). Cent. ent. Stud., Misc. Pap. 30/33: 1-32.
- **566. Koçak, A.Ö.**, 1998, On the nomenclature of a taxon in the family Pieridae (Lepidoptera) with remarks on the taxonomical studies in Turkey. Cent. ent. Stud., Misc. Pap. 52: 1-3.
- **Koçak, A.Ö.**, 1998, Doğu Anadolu'dan yeni bir lycaenid alttürü Rubrapterus bavius masal (subsp.n.) (Lepidoptera, Lycaenidae). Cent. ent. Stud., Misc. Pap. 57: 7-8.
- **568. Koçak,A.Ö.**, 1999, Orta Anadolu'da yeni bir Agrodiaetus Hbn. türünün tanımı (Lepidoptera, Lycaenidae). Cent. ent. Stud., Misc. Pap. 59: 3-7, 4 figs.
- **Koçak, A.Ö.**, 2000, Enkhere vilayitidiki kepineklirining sinonumik tizimliği (Lepidoptera). Cent. ent. Stud., Misc. Pap. 67/69: 1-22 [in Uighur language].
- **Koçak, A.Ö.**, 2000, Revisional notes on the taxonomy of 'eurypilos Gerhard' and 'surakovi Dantchenko & Lukhtanov' in the genus Latreille (Lycaenidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 65/66: 8-10.
- **Koçak, A.Ö., Kemal, M. & I.Akdeniz**, 2006, A new genus and species to the Lepidoptera fauna of Turkey and Syria (Papilionidae). Cent. ent. Stud., Misc. Pap. 97: 1-6, 2 figs.
- **Koçak, A.Ö., Kemal, M. & L.Kayci,** 2011, List of the species of the Lepidoptera of Van Province (East Turkey). Cent. ent. Stud., Priamus (Suppl.) 23: 1-43, 9 figs.
- 573. Koçak, A.Ö., Kemal, M., Aydın, M. & Güngen, A., 2008, Two days in an oak woodland in Bingöl Province (East Turkey). Cesa News 28: 1-16, 29 figs.
- 574. Koçak,Ö., 2009, Karaman Kelebekleri. Cesa News 50: 1-18, 39 resim 37 harita.
- **Kodandaramaiah, U. & N.Wahlberg,** 2009, Phylogeny and biogeography of Coenonympha butterflies (Nymphalidae, Satyrinae)- patterns of colonization in the Holarctic. Syst. Ent. 34: 315-323.
- **Kolenati, F.A.,** 1846, Meletemata Entomologica Insecta Caucasi: Coleoptera, Dermaptera, Lepidoptera, Neuroptera, Mutiliidae, Aphaniptera, Anoplura. Petropoli, Typis Imp. Acad. Sci., Fasc. 5, 3+170pp., 3 Pls.
- 577. Kollar, V. & L.Redtenbacher, [1849], Über den Charakter der Insecten-Fauna von Süd-Persien. Denkschr. Akad. Wiss. Wien 1 (1): 42-53.
- **578. Korb,M.,** 1914, Über die von mir beobachteten palaearktischen Lepidopteren (Vorkommen, Lebensweise etc.). Mitt. münch. ent. Ges. 4 (7/8): 49-54.
- **Kostrowicki, A.S.**, 1969, Geography of the Palaearctic Papilionoidea (Lepidoptera). 380 pp., 125 figs. Panstowe Wyd. Nauk., Warschaw.
- 580. Kotzsch, H., 1935, Colias Studien meiner Armenien Reise 1934. Ent. Z., Frankf. a. M. 49: 97-101.
- **581. Kotzsch,H.**, 1936, Ein Sommer unter den Kurden. Ent. Rdsch. 53: 313-317, 352-359, 372-376, 393-396, 414-418, 9 figs.

- **582. Köstler,W.,** 1993, Papilio alexanor maccabaeus Staudinger,1882 [sic!] (Lepidoptera, Papilionidae). Galathea 7 (3): 82-89, 1 col. pl.
- **583. Kristal,P.M. & W.A.Nässig,** 1996, Korrektur zur Meldung über das Vorkommen von Leptidea reali Reissinger 1989 in Deutschland und einigen anderen Ländern (Lepidoptera, Pieridae). Nachr. ent. Ver. Apollo (N.F.) 17(3): 259-261.
- **584. Krodel, E.,** 1904, Lycaena icarus Rott., ab.persica Bien. Ent. Z., Stuttgart 17(21): 80-81.
- **585. Kudrna,O. & E.Balletto,** 1984, An Annotated Catalogue of the Skippers (Lepidoptera: Hesperiidae) named by Roger Verity. J. Res. Lepid. 23(1): 35-49.
- **586. Kudrna,O.**, 1974, On the taxonomy of some asiatic forms of the genus Brenthis Hbn. (Lep., Nymphalidae). Entomologist's Gaz. 25:93-96.
- **587. Kudrna,O.,** 1974, Artogeia Verity, 1947, gen.rev. for Papilio napi Linnaeus (Lepidoptera, Pieridae). Entomologist's Gaz. 25: 9-12, 7 figs.
- **588. Kudrna,O.**, 1975, A revision of the genus Gonepteryx Leach (Lep., Pieridae). Entomologist's Gaz. 26: 3-37, 50 figs.
- **589. Kudrna,O.,** 1975, On a hitherto undescribed European species of the genus Hipparchia Fabricius (Lep., Satyridae). Entomologist's Gaz. 26: 197-207, 15 figs.
- **590. Kudrna,O.,** 1982, On the nomenclature of Colias alfacariensis Berger, 1948 (Lepidoptera, Pieridae). J. Res. Lepid. 20: 103-110.
- **591. Kudrna,O.,** 1983, An Annotated Catalogue of the Butterflies (Lepidoptera, Papilionoidea) named by Roger Verity. J. Res. Lepid. 21: 1-106.
- **592. Kudrna,O.**, 1985, Concise bibliography of European butterflies. [in] Kudrna,O., Butterflies of Europe 1: 1-448.
- **593. Kudrna,O.,** 1986, Aspects of the conservation of butterflies in Europe. [in] Kudrna,O., Butterflies of Europe 8: 1-323.
- **594. Kudrna,O.**, 1989, An annotated checklist of taxa referable to the genus Arethusana Lesse,1951 (Lepidoptera, Satyridae). Entomologist's Gaz. 40: 23-30.
- **595. Kuhna,P.,** 1977, Über Allancastria in Kleinasien (Lepidoptera, Papilionidae). Atalanta 8(2): 99-107,11 figs.
- **596. Laicharting, J.N.v.**, 1782, Papilio celtis, der Zürgel-Falter [in] Fuessly, Arch. Insectengesch. 1782 (2): 1-3.
- **597. Lamas,G.**, 2005, A bibliography of the zoological publications of Hans Fruhstorfer (1866-1922). Entomofauna 26 (6): 57-100.
- **598. Larsen, T.B. & A.R. Pittaway,** 1982, Notes on the ecology, biology and taxonomy of Apharitis acamas (Klug) (Lepidoptera, Lycaenidae). Entomologist's Gaz. 33: 163-168, 2 figs.
- **599. Larsen,T.B. & I. Nakamura**, 1983, The butterflies of East Jordan. Entomologist's Gaz. 34 (3): 135-208, 3 figs. 2 Pl.
- **600. Larsen, T.B.,** 1973, Two species of Allancastria (Lepidoptera, Papilionidae) in Lebanon. Entomologist 106: 145-152, figs.
- **601.** Larsen, T.B., 1974, Butterflies of Lebanon. 255pp. Pls. National Council for Scientific Research, Beirut.
- **602. Larsen, T.B.,** 1974, Une espèce et deux sous-espèces nouvelles de Lycaenidae du Liban. Alexanor 8: 301-307, 3 figs.
- **603.** Larsen, T.B., 1975, Provisional notes on migrant butterflies in Lebanon. Atalanta 6(2): 62-74.
- **604. Larsen, T.B.,** 1975, Chromosome numbers and testicular morphology of some Lebanese Rhopalocera (Insecta, Lepidoptera). Ent. scand. 6: 218-225.
- **605.** Larsen, T.B., 1975, Collecting in Jordan, March 1975. Proc. Br. ent. Nat. Hist. Soc. 1975: 83-86.
- **606. Larsen, T.B.,** 1976, The importance of migration to the butterfly faunas of Lebanon, East Jordan and Egypt (Lepidoptera, Rhopalocera). Notul. ent. 56: 73-83.
- **607. Larsen, T.B.,** 1976, The importance of migration to the butterfly faunas of Lebanon, East Jordan and Egypt (Lepidoptera, Rhopalocera). Notul. ent. 56: 73-83.
- **608.** Larsen, T.B., 1977, Recent expansion in the range of Aporia crataegi (Linnaeus) in east Jordan (Pieridae). Nota lepid. 1(1): 19-21, fig.
- **609. Larsen, T.B.,** 1980, The two subspecies of Polyommatus icarus (Rottemburg) in Lebanon; a probable case of multiple invasion (Lep., Lycaenidae). Nota lepid. 2(4): 147-153.
- 610. Larsen, T.B., 1980, Butterflies of Oman. 80 pp. John Bartholomew and Son Ltd.
- **611. Larsen, T.B.,** 1982, Gegenes pumilio Hoffmannsegg, 1804; a review with cytological evidence that two species are involved (Hesperiidae). Nota lepid. 5 (2/3): 103-110, 1 fig.
- **Larsen, T.B.**, 1984, A tropical migrant butterfly new to eastern Mediterranean Junonia orithya here Lang (Lepidoptera, Nymphalidae). Atalanta 15(1/2): 101-102.
- **613.** Larsen, T.B., 1986, Tropical Butterflies of the Mediterranean. Nota lepid. 9(1/2): 63-77.
- **Larsen, T.B.,** 1995, Aricia crassipuncta bassoni Larsen,1974 from Lebanon raised to species rank (Lepidoptera, Lycaenidae). Nota lepid. 17(3/4): 121-123, 1 fig.

- **615. Larsen, T.B.,** 1997, A revision of the Hypolycaena lebona group of African Lycaenidae (Lepidoptera), with description of two new species and a new subspecies. Metamorphosis 8(4): 172-182.
- **616.** Lattin, G.de, 1941, Eine neue Parnassius apollo L. Rasse aus Anatolien. Z. Wien. entVer. 26: 145-148.
- **Lattin, G.de**, 1944, Einige bemerkenswerte Lepidopterenfunde aus der Türkei. Z. wien. ent. Ges. 29: 74-78.
- **618. Lattin,G.de**, 1949, Über die Artfrage in der Hipparchia semele L.-Gruppe. Ent. Z., Frankf. a. M. 59: 113-118, 124-126, 131-132.
- 619. Lattin, G.de, 1950, Türkische Lepidopteren -I. Ist. Univ. Fen Fak. Mec. (Ser B) 15 (4): 301-328, Taf. I,II.
- **620. Lattin,G.de**, 1952, Zur Evolution der westpaläarktischen Lepidopterenfauna. Decheniana 105/106: 115-164.
- **621. Leach,W.E.,** [1815], Entomology [In] Brewster,D., Edinburgh Encyclopaedie 9.vol., pt.1. 57-172 pp., Edinburgh.
- **622. Lederer,J.**, 1855, Beitrag zur Schmetterlings-Fauna von Cypern, Beirut und einem Theile Klein-Asiens. Verh. zool.- bot. Ver. Wien 5: 177-254, 5 Taf.
- **623. Lederer,J.**, 1857, Die körperlichen Auszeichnungen der europäischen Hesperiden. Wien. ent. Monatschr. 1: 75-80.
- **624. Lederer,J.**, 1857, Über die Lycaeniden-Gattungen der europäischen Fauna. Wien. ent. Monatschr. 1: 25-32.
- **625.** Lederer, J., 1858, Noch einige syrische Schmetterlinge. Wien. ent. Monatschr. 2 (5): 135-152, 3 Taf.
- **626. Lederer,J.**, 1861, Ueber Alb. Kindermanns letzte lepidopterologische Ausbeute. Wien. ent. Monatschr. 5: 144-155, 2 Taf.
- **627. Lederer, J.**, 1864, Zur Lepidopterenfauna von Imeritien und Grusien. Wien. ent. Monatschr. 8: 165-172, Taf.3.
- **628.** Lederer, J., 1865, Excursion Lépidoptèrologique en Anatolie. Annls Soc. ent. Belg. 9: 49-81, Pl.3.
- **629. Lederer, J.**, 1870, Contributions a la Faune des Lépidoptères de la Transcaucasie. Annls. Soc. ent. Belg. 13: 17-54, 2 Taf.
- **630. Leestmans,R. & R.Mazel,** 1996, Sur la répartition géographique et l'écologie de Leptidea morsei (Fenton,1882) espece nouvelle pour la faune de Turquie (Lepidoptera, Pieridae). Linneana Belgica 15(7): 293-300, figs.
- **631.** Leestmans,R., Mottet,P., Verhulst,J. & F.Carbonell, 1986, Contributions a la connaissance de la faune printanière des Lépidoptères du Sud de l'Asie Mineure (Insecta, Lepidoptera). Linn. Belg. 10 (8): 334-381, figs.
- **632. Leraut, P.J.A.,** 1980, Liste systématique et synonymique des Lépidoptères de France, Belgique et Corse. 334pp. Paris.
- **633. Leraut, P.J.A.,** 1997, Liste systématique et synonymique des Lépidoptères de France, Belgique et Corse (deuxième édition). 526pp. Paris.
- **634. Lesse,H.de,** 1951, Divisions génériques et subgénériques des anciens genres Satyrus et Eumenis (sensu lato). Revue fr. lépid. 13 (3/4): 39-43.
- **635. Lesse, H.de**, 1952, Revision de l'ancien genre Satyrus (s.l.). Annls Soc. ent. Fr. 120 (1951): 77-101, 28 figs.
- **636. Lesse,H.de**, 1952, Note sur le genre Kanetisa (Satyridae) Revue fr. Lépidopt. 13 (15/17): 257-259, Taf.13.
- **637. Lesse, H.de**, 1952, Revision des anciens genres Pararge (s.l.) et Maniola (=Epinephele auct.). Annls Soc. ent. Fr. 121 (1952): 61-76, 24 figs.
- **638. Lesse, H.de,** 1957, Description deux nouvelles especes d'Agrodiaetus (Lep., Lycaenidae) séparéesa la suite découverte de leurs formules chromosomiques. Lambillionea 57 (6): 65-71.
- **639. Lesse,H.de**, 1959, Note sur deux especes d'Agrodiaetus (Lep., Lycaenidae) récemment séparées d'après leurs formules chromosomiques. Bull. Soc. ent. Mulhouse 1959 (1/2): 5-10, 9 figs.
- **640. Lesse, H.de,** 1959, Description d'une nouvelle sous-espèce d'Agrodiaetus hopfferi H.S. (Lep., Lycaenidae) et de sa formule chromosomique particuliere. Bull. mens. Soc. linn. Lyon 28 (5): 149-151.
- **641. Lesse,H.de**, 1959, Nouvelle étude chorologique et cytologique conduisant a changer l'application du nom d'Agrodiaetus iphigenia H.S. (Lep., Lycaenidae). Lambillionea 59 (7/8): 56-61.
- **642. Lesse,H.de**, 1959, Sur la valeur spécifique de deux sous-especes d'Agrodiaetus (Lep., Lycaenidae) récemment décrites. Bull. mens. Soc. linn. Lyon 28 (10): 312-315, 5 figs., 1 tab.
- **643.** Lesse, H.de, 1959, Charactères externes et formule chromosomique d'Agrodiaetus baytopi n.sp. (Lep., Lycaenidae). Bull. Soc. ent. Mulhouse 1959: 44-48, 6 figs.
- **Lesse, H.de**, 1960, Agrodiaetus iphigenia H.S. et son espece jumelle Agrodiaetus tankeri n.sp. (Lep., Lycaenidae). Bull. Soc. ent. Mulhouse 1960: 75-78.
- **645. Lesse,H.de**, 1960, Spéciation et variation chromosomique chez le Lépidoptères Rhopalocères. Annls. Sci. nat. (2.ser) Zool. 2: 1-223, 222 figs.

- **646. Lesse, H.de**, 1960, Les nombres de chromosomes dans la classification du groupe d'Agrodiaetus ripartii Freyer (Lepidoptera, Lycaenidae). Revue fr. Ent. 27 (3): 240-264, 10 figs. 6 tab. Taf.1-2.
- **647. Lesse,H.de,** 1961, Les nombres de chromosomes chez Agrodiaetus dolus Hübner et les especes voisines (Lycaenidae). Alexanor 2 (2): 57-63; 2 (3): 72; Tab. 3, figs.1-6.
- **648. Lesse,H.de**, 1961, Variations géographiques des caractères externes chez les espèces autrefois réunies sous le nom d'Agrodiaetus ripartii Freyer (Lep., Lycaenidae). Revue fr. Ent. 28 (2): 93-100.
- **649. Lesse, H.de**, 1962, Variation chromosomique chez Agrodiaetus actis H.S. et A. altivagans Forst. (Lep., Lycaenidae). Revue fr. Ent. 29 (1): 66-76, 6 figs.
- **650.** Lesse, H.de, 1963, Variation chromosomique chez Agrodiaetus carmon H.S. et A. cyanea Stgr. (Lep., Lycaenidae). Revue fr. Ent. 30 (3): 177-181, 2 figs. 2 tab.
- **651. Lesse, H.de**, 1963, Variation chromosomique chez les Agrodiaetus (Lep., Lycaenidae). Revue fr. Ent. 30 (3): 182-189, 4 figs.
- **652. Lesse,H.de**, 1969, Les nombres de chromosomes dans le groupe de Lysandra coridon (Lep., Lycaenidae). Annls Soc. ent. Fr. (n.s.) 5 (2): 469-522, 18 figs., 6 tab.
- **653. Lesse,H.de**, 1970, Les nombres de chromosomes dans le groupe de Lysandra argester et leur incidence sur sa taxonomie (Lep., Lycaenidae). Bull. Soc. ent. Fr. 75: 64-68, 2 figs.
- **654.** Lindler, E., 1934, Anatolienfahrt. Ent. Rdsch. 51: 221-225, 231-237.
- **655. Linnaeus, C.,** 1758, Systema Naturae per regna tria naturae secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis. ed. decima reformata. Tom.1, 823 pp. Holmiae.
- **656. Lorkovic,Z.**, 1927, Leptidea sinapis ab.major Grund zasebna vrsta Rhopalocera iz Hroatske. Acta Soc. ent. jugosl. 2(1): 11-16.
- **657. Lorkovic,Z.,** 1972, Karyological identification of the Caucasian species of the Erebia tyndarus Group (Lepidopt., Satyridae). Acta ent. Jugosl. 8 (1/2): 111-121, 19 figs.
- **658. Lödl,M. & R.Imb,** 1988, Die Noctuiden-Sammlung von Dipl. Ing. Rudolf Pinker im Naturhistorischen Museum Wien. Z. ArbGem. öst. Ent. 40(1/2): 53-59.
- **659. Lukhtanov,V.A. & A.V.Dantchenko**, 2003, Two new chromosome races of Agrodiaetus altivagans-wagneri complex (Lepidoptera, Lycaenidae) Atalanta 34 (3/4): 421-428, pl. xxviii.
- **660. Lukhtanov,V.A.,** 1991, Karyotype evolution and systematics of higher taxa of Pieridae (Lepidoptera) of the World. Ent. Obozr. 70(3): 619-636, 3 figs.
- **661. Lukhtanov,V.A., Kandul,N.P., Prins,W.O.de & D.v.d.Poorten,** 1998, Karyology of species of Polyommatus (Agrodiaetus) from Turkey: new data and their taxonomic consequences (Lepidoptera, Lycaenidae). Holarct. Lepid. 5 (1): 1-8, 15 figs.
- **662. Lukhtanov,V.A., Wiemers,M. & K.Meusemann,** 2003, Description of a new species of the "brown" Agrodiaetus complex from south-east Turkey (Lycaenidae). Nota lepid. 26 (1/2): 65-71, figs.
- **663. Mabille,M.P.,** 1876, Sur la classification des Hespériens avec la description de plusieurs especes nouvelles. Annls Soc. ent. Fr. (5)6: 251-274.
- **Mabille,M.P.,** 1909, Hesperiidae, [in] Seitz,A., Die Gross-Schmetterlinge der Erde, vol. 1: 330-354S., Taf. 84-89. Alfred Kerner Verlag. Stuttgart.
- **665. Mabille,P.,** 1904, Lepidoptera. [in] Wytsman,P., Genera Insectorum Fasc. 17. Hesperiidae. Bruxelles.
- **Mairiaux,J. & J.Hustebaut,** 1997, The identification of Apatura metis and Apatura ilia and their distribution in Greece and Turkey (Lepidoptera, Nymphalidae). Phegea 25(2): 65-79, figs., Pls.
- **Makris, C.,** 2003, Butterflies of Cyprus. 329pp. 53 Pls. Bank of Cyprus Cultural Foundation.
- **668. Manil,L.,** 1990, Les Rhopolceres de Chypre (Lepidoptera: Papilionoidea et Hesperioidea). Linneana Belgica 12: 313-391, figs.
- **669. Mann,J.**, 1864, Nachtrag zur Schmetterlings-Fauna von Brussa. Wien. ent. Monatschr. 8: 173-190, Taf.4-5.
- **Mattoni, R.H.T.**, 1981, The Scolitantidini II. The World's smallest butterfly? Notes on Turanana, and a new genus and species from Afghanistan (Lycaenidae). J. Res. Lepid. 18 (4): 256-264, figs.
- **671. Mayer,J.**, 1851, Pont[ia] Mannii n.sp. Stettin ent. Ztg. 12: 151.
- **Mazel,R. & R.Leestmans**, 1999, Séparataion biométriques des Leptidea sinapis L., morsei Fenton et reali Reissinger. Linneana Belgica 17(1): 46-52, figs.
- **673. Mazel,R. & R.Leestmans,** 1999, Seconde contribution a l'etude des relations entre Leptidea sinapis Linné et L. reali Reissinger en France, Belgique et quelques autre contrées européennes (Lepidoptera, Pieridae). Linneana Belg. 17 (4): 155-168, map.
- 674. Meigen, J.W., 1829-1832, Systematische Bearbeitung der europäische Schmetterlinge.
- **675. Mérit, X. & V.Mérit,** 2007, Rediscovery of Hypolimnas misippus (Linnaeus,1764) as a unique female in Lebanon during spring 2003 (Lepidoptera, Nymphalidae). Atalanta 38 (3/4): 319-320, figs.
- **676. Miller, E.**, 1923, Lépidoptères, rapportes des environs de Kagysman dans le district de Cars. Bull. Soc. ent. Moscou 2: 81-118.
- **Miller, J.S.**, 1987, Phylogenetic studies in the Papilioninae (Lepidoptera). Bull. Am. Mus. Nat. Hist. 186 (4): 365-512.

- **678. Minet,J.**, 1986, Ebauche d'une classification moderne de l'ordre des Lépidopteres. Alexanor 14: 291-313.
- **679. Minet,J.**, 1991, Tentative reconstruction of the ditrysian phylogeny (Lepidoptera: Glossata). Ent. scand. 22: 69-95.
- **680. Moucha, J. & J. Zahradnik**, 1969, Papilio machaon L. et Chaerocampa alecto L. deux Lépidoptères nuisbles et remarques sur d'autres espéces de l'ile de Chypre. Alexanor 6: 146-149, 2 figs.
- **681. Moucha,J.**, 1953, La distribution géographique de la Leptidea morsei Fent. en Europe (Lep., Pieridae). Bull. Soc. ent. Mulhouse 1953: 1-5.
- **682. Moucha,J.**, 1954, Contribution a la connaissance du Papilio machaon L. de Palestine- Lep. Papilionidae. Bull. Soc. ent. Mulhouse 1954: 69-75, 7 figs.
- 683. Moucha, J., 1954, Insecta Houskeana: Lepidoptera. Acta ent. Mus. natn. Pragae 28 [1952]: 185-207.
- **684. Moucha, J.**, 1957, Über Papilio machaon L. im Nahen Osten (Lepidoptera, Papilionidae). Acta ent. Mus. natn. Pragae 31: 167-170.
- **685. Muche, W.H.**, 1960, Eindrücke einer Sammelreise nach der Türkei. Ent. Z., Frankf. a. M. 70: 176-180, 181-188, 199-201, 207-210, 7 Abb.
- **686. Munroe, E.,** 1961, The classification of the Papilionidae (Lepidoptera). Can. Ent. Suppl. 17: 1-51.
- **687.** Müller, G., 1992, Winterbeobachtungen von Tagfaltern auf Zypern. Atalanta 23(1/2): 81-83.
- **688. Müller,G.,** 2001, Winterbeobachtungen von Tagfaltern auf Zypern (Lepidoptera, Diurna). Atalanta 32 (1/2): 80-82, figs.
- **689. Nakamura, I. & S.A.Ae**, 1977, Prolonged pupal diapause of Papilio alexanor: arid zone adaptation directed by larval host plant. Ann. ent. Soc. Am. 70: 481-484.
- **690. Nakamura,I.,** 1977, On the identity of some of the Lycaenidae species (Lep.) described by Francis Walker (1870) from the Egypt and the Sinai. Entomologist's Gaz. 28: 9-14.
- **691. Nazari,V.,** 2003, Butterflies of Iran. 598pp., 74 Pls., maps. National Museum of Natural History, Department of Environment I.R.Iran [in Persian].
- **692. Nekrutenko,Y.P. & R.M.E.Effendi,** 1983, A review of Lycaena phoenicurus group (Lepidoptera, Lycaenidae) with description of a new species from Azerbaidjan. Vestn. zool. 1983 (4): 8-15.
- **693. Nekrutenko,Y.P.,** 1973, On the taxonomic position of the Caucasian form of Callophrys rubi L. (Lycaenidae). Dopov. Akad. Nauk. ukr. RSR. (B) (10): 949-952
- **694. Nekrutenko,Y.P.,** 1974, Comparative notes on certain West-Palaearctic species of Agriades, with description of a new subspecies Agriades pyrenaicus from Turkey. J. Lepid. Soc. 28: 278-288, figs.
- **695. Nekrutenko,Y.P.,** 1975, A new species of Melitaea (Nymphalidae) from Armenia. J. Lepid. Soc. 29 (2): 102-105, 7 figs.
- **696. Nekrutenko,Y.P.,** 1980, Revisional notes on lycaenid butterfly species assigned to Ultraaricia Beuret (Lycaenidae). Nota lepid. 2(4): 55-68, 16 figs.
- **697. Nekrutenko,Y.P.,** 1987, A new genus of the subfamily Lethinae (Lepidoptera, Satyridae). Vestn. Zool. 1987 (2): 83-85.
- **698. Nekrutenko,Y.P.,** 1988, Esperarge Nekrutenko (Lepidoptera, Satyridae), nom.n. pro Esperella Nekrutenko 1987. Vestn. Zool. 1988(1): 50.
- **699. Nekrutenko, Y.P.,** 1990, Kafkasya Kelebekleri-I. 213 pp.,32 pls., 106 figs.
- **700. Nekrutenko,Y.P.,** 2000, A catalogue of the type specimens of Palaearctic Riodinidae and Lycaenidae (Lepidoptera) deposited in the collection of the Museum für Naturkunde der Humboldt Universitaet zu Berlin. Nota lepid. 23 (3/4): 192-352.
- 701. Neuburger, W., 1900, Lycaena menalcas ab. amasina. Illte. Z. Ent. (23): 370.
- 702. Nicholl, M.de la B., 1901, Butterflies of the Lebanon. Trans. ent. Soc. Lond. 1901: 75-97.
- 703. Nicholl, M.de la B., 1901, Butterflies in the Lebanon. Entomologist's Rec. J. Var. 13: 169-173, 205-209. map.
- **704. Niculescu, E.V.,** 1981, Sur la position du genre Archon Hübner dans la classification. Bull. Soc. ent. Mulhouse 1981: 59-60.
- **705. Oberthür, C.,** 1869, Thais deyrollei. Petites Nouv. Ent. 1869: 7.
- **706. Oberthür,C.**, 1872, Catalogue raisonné des Lépidoptères rapportés par M. Théophile Deyrolle de son exploration scientifique en Asie Mineure. Revue Mag. 2001. 23: 480-488.
- **707. Oberthür, C.**, 1878, Catalogue raisonné des Papilionidae de la collection de Ch.Oberthür. Etud. ent. 4: 1-117, Pls.
- 708. Oberthür, C., 1891, Lépidoptères du genre Parnassius. Etüd. Ent. 14: 1-18, Pls.
- 709. Oberthür, C., 1893, Lépidoptères d'Asie. Etüd. Ent. 18: 11-49, Pls.
- 710. Oberthür, C., 1894, Lépidoptères d'Europe, d'Algerie, d'Asie et d'Oceanie. Etüd. Ent. 19: 1-38, Pls.
- **711.Oberthür,C.,** 1909, Notes pour servir a établir la Faune Française et Algérienne des Lépidoptères. Etüd. lepid. comp. 3: 101-404, Pls. xi-xxvi.
- **Obraztsov, N.S.**, 1936, Nouvelles races de Lycaena (Lysandra) thersites Cant. Lambillionea 36: 11-18.

- **713. Okyar,Z. & N.Aktaç**, 2006, Identification of butterfly (Lepidoptera, Rhopalocera) fauna of Gökçeada and Bozcaada, Turkey. Pak. J. Biol. Sci. 9 (1): 76-79.
- 714. Olivares, J., Jutzeler, D. & R. Leestmans, 1999, Arethusana boabdil (Rambur, 1840) de la prov. de Grenade, Andalousie: une bonne espece! (Lepidoptera, Nymphalidae, Satyrinae). Linneana Belg. 17 (4): 135-154, pls., figs.
- **Olivier,A. & J.G.Coutsis**, 1995, Rhopalocera of Turkey 13.Sympatry and supposed gene exchange between Maniola telmessia (Zeller,1847) and Maniola halicarnassus Thomson,1990 on the Bodrum Peninsula (SW.Turkey) vs. evidence for their specific distinctness: two sides of the same coin(Lep.) Entomobrochure 7: 1-60, figs.
- **716. Olivier,A. & J.G.Coutsis,** 1997, A revision of the superspecies Hipparchia azorina and of the Hipparchia aristaeus group (Nymphalidae, Satyrinae). Nota lepid. 20 (3/4): 150-292.
- 717. Olivier, A. & W.de Prins, 1989, Taxonomy and geographical variation of Hipparchia mersina (Staudinger, 1871) with notes on its ecology and phenology (Lepidoptera, Nymphalidae, Satyrinae). Phegea 17(4): 169-221, 69 figs.
- **718. Olivier,A. & Y.P.Nekrutenko**, 2000, The butterflies described by Johann Christoph Friedrich Klug (1775-1856) in his Symbolae Physicae, Insecta (Lep., Pieridae,Lycaenidae, Nymphalidae): An annotated review, with catalogue of the existing types. Dt. ent. Z. 47: 95-104.
- **Olivier,A.,** 1993, The Butterflies of the Greek Island of Rodos: taxonomy,faunistics,ecology and phenology with a tentative synthesis on the biogeography of the butterflies of Kriti, Karpathos, Rodos, the Eastern Aegean islands and Kypros...Antwerpen.
- **720. Olivier,A.,** 1996, Notes on the taxonomic status and supposed biogeographic affinity of the Pseudochazara anthelea (Hübner,[1824]) populations from Kipros (Cyprus) and from the Greek island of Kos (Lepidoptera, Nymphalidae Satyrinae). Phegea 24 (1): 5-12, 2 Pls.
- **Olivier, A.**, 1998, The Butterflies of the Bodrum Peninsula (Province of Muğla, Turkey): a review. Entomologist's Gaz. 49 (1): 21-34.
- **722. Olivier,A.,** 2000, Discovery of the types of Polyommatus (Agrodiaetus) actis and its taxonomic consequences (Lycaenidae). Nota lepid. 23 (2): 86-118, figs.
- **723. Olivier,A., Poorten,D.v.d. & W.de Prins,** 1998, Rhopalocera and Grypocera of Turkey 16. Taxonomic notes on Plebeius christophi and Plebeius idas in northeastern Turkey (Lepidoptera, Lycaenidae). Phegea 26 (3): 87-102, 2 Pls.
- **724. Olivier,A., Poorten,D.v.d., & W.de Prins,** 1994, Conspicuous aberrations and gynandromorphs of some Greek and Turkish butterflies (Lepidoptera, Pieridae, Lycaenidae). Phegea 22(3): 102-104, pl.
- **725. Olivier,A., Prins de,W., Poorten,D.v.d. & J.Puplesiene,** 1999, On the identity of Polyommatus (Agrodiaetus) dama, with lectotype designation and redescription of its karyotype (Lycaenidae). Nota lepid. 22 (3): 197-211, figs.
- **726. Olivier,A., Puplesiene,J., Poorten,D.v.d., Prins de,W. & Wiemer,M.,** 1999, Revision of some taxa of the Polyommatus (Agrodiaetus) transcaspicus group with description of a new species from Central Anatolia (Lepidoptera, Lycaenidae). Phegea 27 (1): 1-24, 2 Pls.
- **727. Olivier,A., Puplesiene,J., Poorten,D.v.d., Prins de,W. & Wiemer,M.,** 1999, Additions and corrections to "Revision of some taxa of the Polyommatus (Agrodiaetus) transcaspicus group with description of a new species from Central Anatolia (Lepidoptera, Lycaenidae)". Phegea 27 (2): 79.
- **728. Oorschot,H.v. & H.v.d.Brink**, 1989, Rhopalocera of Turkey 4. The specific problem of Melitaea didyma (Esper,1779) and M. transcaucasica (Turati,1919) (Lepidoptera, Nymphalidae). Nota lepid. 12 (3): 183-186.
- **729. Oorschot,H.v. & H.v.d.Brink**, 1994, Rhopalocera of Turkey 12. On the geographical variation of Melitaea collina Lederer,1861 with description of Melitaea collina lokmani n.ssp. from South East Turkey (Lepidoptera, Nymphalidae). Phegea 22(2): 53-60, 2 pls., 5 figs.
- **730. Oorschot,H.v. & S.Wagener**, 1990, Rhopalocera of Turkey 5. Boloria caucasica and Boloria graeca in Turkey (Lepidoptera, Nymphalidae). Ent. Ber., Amst. 50 (9): 113-121, 18 figs. 2 Tab.
- **731. Oorschot, H.v., Brink, H.v.d. & B.v.Oorschot,** 1984, Rhopalocera of Turkey. 1.Records of Cupido minimus (Fuessly, 1775) and description of C.minimus albocilia n.ssp. (Lepidoptera, Lycaenidae). Ent. Ber., Amst. 44 (9): 140-144, figs.
- **732. Oorschot, H.v., Brink, H.v.d.** & **B.v.Oorschot,** 1985, Rhopalocera of Turkey. 2.Records Satyrium marcidus (Riley, 1921) and description of S.marcidus mardinus n.ssp. (Lepidoptera, Lycaenidae). Ent. Ber., Amst. 45(10): 45-149, figs.
- **733. Oorschot, H.v., Brink, H.v.d. & B.v.Oorschot,** 1987, Rhopalocera of Turkey. 3. Geographical variation of Pseudochazara anthelea (Hübner) and description of P.anthelea selcuki n.ssp. (Lepidoptera, Satyridae). Ent. Ber., Amst. 47 (6): 91-95, figs.
- **734. Oorschot,H.v., Brink,H.v.d.,** 1991, Rhopalocera of Turkey. 6. On the geographical variation of Satyrium ilicis (Esper) with description of S.ilicis zabni n. ssp. from South East Turkey (Lepidoptera, Lycaenidae). Ent. Ber., Amst. 51(3): 38-43, figs.
- 735. Opheim, M., 1953, Notes on the genus Pyrgus Hb. (Lepidoptera, Grypocera). Astarte 4:1-13, 6 figs.

- **736. Opheim,M.**, 1956, Notes on the subgenus Ateleomorpha Warren (Lepidoptera, Hesperiidae). Astarte 14: 1-14, 29 figs.
- **737.** Özdemir,M. & S.Seven, 2007, Interrelation between some butterflies and plant associations (Turkey). Pak. J. Biol. Sci. 10 (1): 112-116, Tab.
- **738.** Özkol, H. & A.Sefalı, 2009, New data on the biology of Pieris (Artogeia) persis Verity (Pieridae, Lepidoptera). Cesa News 42: 38-44, 7 figs.
- **739.** Özkol,H., 2007, Studies on the fauna and ecology of Papilionoidea and Hesperioidea of Gevaş district (Van). Cent. ent. Stud., Priamus (suppl.) 5: 1-55.
- **740. Pagenstecher,A.,** 1911, Libytheidae. [in] Aurivillius,C. & H.Wagner, Lepidopterorum Catalogus Pars 3. 12pp. Dr.W.Junk Berlin.
- **741. Pages,J. & J.-F.Charmeux,** 1997, Apatura ilia, "nouvelle" espece pour la faune turquie (Lepidoptera, Nymphalidae). Alexanor 19(7): 454.
- **Pages,J.**, 1994, Description d'un Lycène nouveau de Turquie: Agrodiaetus charmeuxi sp.n. (Lepidoptera, Lycaenidae). Alexanor 18(4): 194-196, 8 figs.
- **743. Parker, R.**, 1983, The butterflies of Cyprus. Entomologist's Gaz. 34: 17-53.
- **Paulus, H.F. & K.Rose,** 1971, Zur Lycaenidenfauna des Libanon. Ent. Z., Frankf. a. M. 81 (1/3): 1-21, 10 Abb.
- **Peile, H.D.**, 1921, The Butterflies of Mesopotamia. J. Bomb. nat. Hist. Soc. 28: 50-70, 345-369, Pl.
- **Pfeiffer, E.**, 1926-1927, Ein Beitrag zur Insektenfauna von Kleinasien (Anatolien). Mitt. münch. ent. Ges. 16: 99-110; 17: 35-55, 76-91.
- **Pfeiffer, E.**, 1931-1932, Diurnae. [in] Osthelder, L. & E. Pfeiffer, Lepidopteren-Fauna von Marasch in türkisch Nordsyrien. Mitt. münch. ent. Ges. 21 (2): 81-86; 22 (1): 17-32, 22(2): 38-51 Taf.ii-iv.
- **748. Pfeiffer, E.**, 1938, Notizen über persische Lycaenidae (Lepid.). Mitt. münch. ent. Ges. 28: 188-195, 395, Taf.iv.
- **749. Pitkin,B. & P.Jenkins (compilers),** 2008, Butterflies and moths of the world. Generic names and their type species. http://www.nhm.ac.uk/jdsml/research-curation/projects/butmoth/index.dsml [last accessed: 22.xi.2008].
- **750. Plötz, C.**, 1879, Hesperiina Herr.-Sch. Stettin ent. Ztg. 40: 175-180.
- **751. Plötz,C.,** 1882-1883, Die Hesperiinen-Gattung Hesperia Aut. und ihre Arten. Stettin ent. Ztg. 43: 314-344, 436-456: 44: 26-64, 195-233.
- 752. Plötz, C., 1884, Die Hesperiinen-Gattung Telesto Bsd. und ihre Arten. Stettin ent. Ztg. 44: 376-384.
- 753. Plötz, C., 1884, Die Gattung Cyclopides Hübn. und ihre Arten. Stettin ent. Ztg. 44: 389.
- **Plötz,C.,** 1884, Die Hesperiinen-Gattung Thymelicus Hüb. und ihre Arten. Stettin ent. Ztg. 44: 284-290.
- **Plötz, C.**, 1884, Die Hesperiinen-Gattung Carterocephalus Led. und ihre Arten. Stettin ent. Ztg. 44: 386-388.
- 756. Poda, N., 1761, Insecta Musei Graecensis. 139 pp., 2 pls. Graz.
- **Prins W.de & D.v.d.Poorten**, 1996, Additions and corrections to "Die Tagfalter der Türkei". 2.Interesting observations of butterflies in Turkey during the 38th expedition of the "Werkgroep Grieks-Turkse dagvlinders" (Lepidoptera: Lycaenidae). Phegea 24(1): 25-32, 4 figs. Pl.2.
- **758. Prins,W.de & D.v.d.Poorten**, 1995, Rhopalocera and Grypocera of Turkey 14. Taxonomic Revision of the Pyrgus alveus (Hübner,[1803]) complex from Greece to West China, with description of two new species from southern Turkey (Lepidoptera, Hesperiidae). Phegea 23 (1): 1-44, pls., figs.
- **759. Prins,W.de, Poorten,D.v.d. & A.Riemis,** 1994, Nymphalis vaualbum ([Denis & Schiffermüller],1775) confirmed for the fauna of Turkey (Lepidoptera, Nymphalidae). Phegea 22(3): 99-100, pl.
- **760. Prins,W.de, Poorten,D.v.d., et al.,** 1991, Rhopalocera of Turkey. 7. On a new species of Polyommatus Latreille,1804 subgenus Agrodiaetus Hübner,[1822] from north-eastern Turkey (Lepidoptera, Lycaenidae). Phegea 19 (4): 141-148, 18 figs.
- **761. Puplesiene, J. & A.Olivier**, 2000, The karyotype and chromosome number of Polyommatus buzulmavi (Lycaenidae). Nota lepid. 23 (1): 71-77, figs.
- 762. Razowski, J., 1974, Phylogeny and classification of Lepidoptera. Acta zool. cracov. 19(1): 1-18, 1 fig.
- **763. Rebel,H.,** 1901, Über eine neue von Herrn Max Korb in Westasien gesammelte Lepidopterenformen. Annln naturh. Mus. Wien 16: 165-169.
- 764. Rebel, H., 1901, Colias aurorina taurica. Verh. zool.- bot. Ges. Wien 51: 310-311.
- **765. Rebel,H.,** 1903, Studien über die Lepidopterenfauna der Balkanländer I.Teil. Bulgarien und Ostrumelien. Annln naturh. Mus. Wien 18: 117-346.
- **766. Rebel,H.,** 1905, Lepidopteren, [in] Penther,A. & Zedebauer,E., Ergebnisse einer naturwissenschaftlichen Reise zum Erdschias-Dagh (Kleinasien). Annln naturh. Mus. Wien 20 (2/3): 189-219.

- **767. Rebel,H.,** 1908, Eine Lepidopterenausbeute welche vom Herrn Karl Ritter v. Blumencron im Hochsommer des verflossenen Jahres im nordöstlichen Kleinasien (Pontus) namentlich in der Umgebung Trapezunts gemacht wurde. Verh. 2001.- bot. Ges. Wien 58:(82)-(85).
- **768. Rebel, H.,** 1911, Parnassius apollo auerspergi nov. subspec. Verh. zool.- bot. Ges. Wien 61:(44)-(46).
- **Rebel,H.**, 1913, Studien über die Lepidopterenfauna der Balkanländer III.Teil. Sammelergebnisse aus Montenegro, Albanien, Mazedonien und Thrazien. Annln naturh. Mus. Wien 28: 281-334.
- 770. **Rebel, H.**, 1915, Über Lepidopterenfauna Cyperns. Jb. Wien. ent Ver. 1915: 93-110, 1 Karte.
- **Rebel, H.**, 1917, Eine Lepidopterenausbeute aus dem Amanusgebirge (Alman Dagh). Sb. Akad. Wiss. Wien Abt.I: 126 (4/5): 243-282.
- **Rebel,H.**, 1920, Lepidopterologische Nachträge zu einigen ostmediterranen Insularfaunen. Jber. Wien. ent. Ver. 30: 37-
- **Rebel,H.,** 1927, Beitrag zur Lepidopterenfauna der Insel Cypern. Verh. zool.- bot. Ges. Wien 1927: (58)-(63), Abb.
- 774. **Rebel,H.**, 1928, Zur Lepidopterenfauna Cyperns V. Verh. zool.- bot. Ges. Wien 1928: (29)-(34), Abb.
- **Rebel,H.,** 1933, Lepidopteren aus der Umgebung Ankaras. 1.Teil Annln naturh. Mus. Wien 46: 1-13, 1 pl., 2 figs.
- **Rebel,H.,** 1936, Lepidopteren aus der Umgebung Ankaras. 2.Teil Annln naturh. Mus. Wien 47: 43-58.
- 777. **Rebel,H.**, 1939, Zur Lepidopterenfauna Cyperns. Mitt. münch. ent. Ges. 29: 487-564, Taf.xv.
- 778. Reh,L., 1925, Handbuch der Pflanzenkrankheiten. Vierter Band Tierische Schädlinge an Nutzpflanzen. Erster Teil, Vierte Auflage. 483 S., 218 Abb. Berlin.
- 779. **Reinhardt,R.**, 2001, Kleine Ergänzungen zur Tagfalterfauna der Türkei (Lepidoptera, Rhopalocera). Atalanta 32 (3/4): 399-400.
- **780. Reisser,H.,** 1954, G. de Lattin: Türkiye Kelebekleri Hakkında I.(Türkische Lepidopteren I.), Ist.Üniv.Fen Fak. Mecmuasi (Rev. de la faculté des sciences de l'Univ. d'Istanbul 1950, p.301-331, 2 Taf. 9 Abb.(Sep.) und dto.,II.,ibid.,Tome xvi,Fasc.I,1951, p.45-73, 1 Taf.,8 Ab Z. wien. ent. Ges. 39: 44-45.
- **781. Reissinger, E.,** [1990], Checkliste Pieridae Duponchel, 1835 (Lepidoptera) der Westpalaearktis (Europa, Nordwestafrika, Kaukasus, Kleinasien). Atalanta 20 (1989): 149-185.
- **782.** Reverdin, J.L., 1909, Pieris rapae, L., and P. manni, Mayer. Entomologist's Rec. J. Var. 21: 149-150, Pl.xiii.
- **783. Reverdin, J.L.**, 1916, Adopea nova, mihi, species nov. Bull. Soc. lépid. Genève 3: 122-128, pl.7,8.
- **784. Reverdin, J.L.,** 1913, Notes sur les genres Hesperia et Carcharodus. Bull. Soc. lépid. Genève 2: 212-237.
- **785. Ribbe,C.,** 1905, Einige neue Formen von Schmetterlingen aus Andalusien. Soc. Ent. 20 (18): 137-138.
- **786. Riemis, A.,** 1993, A short visit to Syria in May 1992 (Lepidoptera). Phegea 21(3): 93-95.
- **787. Riley,N.D.**, 1921, Some undescribed Rhopalocera from Mesopotamia and N.W.Persia; and other notes. Ann. Mag. nat. Hist. (9) 8: 590-600.
- **788. Riley,N.D.**, 1925, The species usually referred to the genus Cigaritis Boisd. Novit. zool. 32: 70-95, figs.
- **789. Robinson,G.S., Ackery,P.R., Kitching,I.J., Beccaloni,G.W. & L.M.Hernandez,** 2005, Hosts a database of hostplants of the World's Lepidoptera (http://intern.nhm.ac.uk/jdsml/research-curation/projects/hostplants/index.dsml> Natural History Museum, London.
- **790. Roine,A.,** 2000, Butterflies of Europe 2.0. CD-ROM.
- **Romanoff, N.M.**, 1879, Quelques observations sur les Lépidoptères de la partie du Haut-Plateau Armenien, comprise entre Alexandropol, Kars et Erzeroum. Horae Soc. ent. ross. 14: 483-495, Taf.iii.
- **792. Romanoff,N.M.,** 1884-1887, Les Lépidoptères de la Transcaucasie. [in] Romanoff, Mém. lépid. 1: 1-92, Pls.; 2: 1-118, Pls.; 3: 1-49, Pls.
- 793. Rose, K., 1976, Entomologische Beobachtungen im Libanon. Nachr. ent. Ver. Apollo 1: 16-25.
- **794. Rose, K.**, 1977, Vacciniina alcedo in Zentralanatolien, nebst Beschreibung einer neuen Unterart (Lep., Lycaenidae). Ent. Z., Frankf. a. M. 87: 62-65, figs.
- **795. Rose,K.**, 1978, Zwei neue Unterarten von Agrodiaetus carmon aus der Türkei (Lep., Lycaenidae). Ent. Z., Frankf. a. M. 88 (22): 245-251, 3 Abb.
- **796. Rose,K.,** 1986, Zur Tagfalterfauna Israels und der besetzten Gebiete Westjordaniens (Lep., Papilionoidea). Nachr. ent. Ver. Apollo (N.F.) 7 (1): 1-9, 2 Abb.
- **797. Rose,K.,** 1988, Zur Tagfalterfauna Israels: Eine Ergänzung (Lepidoptera, Rhopalocera). Nachr. ent. Ver. Apollo (N.F.) 8 (3/4): 93-96.
- **798. Rose,K.,** 1991, Bemerkungen zu "Agrodiaetus (Sublysandra) eberti" Koçak,1979 (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 11(4): 185-188.

- **799. Rose,K., Schurian,K.G. & W.Eckweiler,** 1992, A further new subspecies of Polyommatus (Aricia) hyacinthus (Herrich-Schäffer,1847) (Lepidoptera, Lycaenidae). Linneana Belgica 13 (6): 341-346, figs.
- **800.** Rosen, K.von, 1929, Familie Papilio[nidae]. [In] Seitz, A., Gross-Schmett. Erde, Suppl. 1: 7-20. Stuttgart.
- **801. Rothschild,W.**, 1895, A revision of the Papilios of the eastern Hemisphere, exclusive of Africa. Novit. zool. 2: 167-463.
- 802. Rothschild, W., 1908, New Subspecies of Parnassius apollo. Novit. zool. 15: 390.
- **803. Rothschild,W.,** 1909, Catalogue of the collection of Parnassiinae in the Tring Museum, with systematic notes. Novit. 200l. 16 (1): 1-20.
- **804. Rottemburg,S.A.von,** 1775, Anmerkungen zu den Hufnagelschen Tabellen der Schmetterlinge (Diurna). Naturforscher 6: 1-34.
- **805. Rougeot, P.-C.,** 1973, Paques entomologiques au Liban. l'Entomologiste 29 (1): 1-6, 5 figs.
- **806. Rowland-Brown,H.R.,** 1917, Some remarks on the distribution and development of species and subspecies of the Satyrine genus Melanargia Meigen in Italy, France, Spain and Algeria. Entomologist 50: 123-127, 157-160.
- 807. Röber, J., 1896, Neue Schmetterlinge aus dem cilicischen Taurus. Ent. Nachr. 22: 81-84.
- **808. Röber,J.**, 1907, 2. Familie Pieridae Weisslinge, [in] Seitz,A., Die Gross-Schmetterlinge der Erde 1: 39-74, Taf.
- **809. Rydon,A.H.B.,** 1971, The systematics of the Charaxidae (Lepidoptera, Nymphaloidea). Entomologist's Rec. J. Var. 83: 219-233, 283-287, 310-316, 336-341, 384-388, 3 Pls.
- **810. Sala,G. & M.Bollino,** 1997, A contribution to the knowledge of the Papilionidae of Rhodes Island (Lepidoptera, Papilionidae). Atalanta 28(1/2): 43-47.
- 811. Samodurov, G.D., Korolev, V.A. & W.W.Tshikolovez, 2001, Eine Übersicht über die Satyriden der Gattung Hyponephele Muschamp, 1915 VII. Die Arten Hyponephele lycaon (Rott., 1775), H. pasimelas (Stgr., 1886), H. lycaonoides D.Weiss, 1978, H. przhewalskyi Dub. Sergeev & Zhdanko, 1994... (Lepidoptera, Satyridae). Atalanta 32 (1/2): 111-186, pls.
- 812. Samodurov, G.D., Korolew, W.A. & W.W.Tshikolovez, 1997, Eine Übersicht über die Satyriden der Gattung Hyponephele Muschamp,1915 III. Die Arten Hyponephele cadusia (Lederer,1869), H.cadusina (Stgr.,1881), H.laeta (Stgr.,1886), H.pamira Lukh.,1990, H.kirghisa (Alph.,1881), H.sheljuzhkoi Sam. & Tsh.,1996... Atalanta 28(1/2): 49-96, Taf., figs.
- 813. Samodurow,G.D., Korolew,W.A. & W.W.Tschikolowez, 2000, Eine Übersicht über die Satyriden der Gattung Hyponephele Muschamp,1915 VI.Die Arten Hyponephele capella (Christoph,1877), H.narica (Hübner,[1808-1813]), H.naricina (Staudinger,1870), H.fusca (Stsh.,1960) und H.naricoides Gross,1977 (Lep., Satyridae). Atalanta 31 (1/2): 135-170, figs., pls. x-xii.
- **Sanetra,M. & C.David**, 1995, Rejoinder to Bollino's & Sala's considerations about proposed synonymy of some Papilio alexanor subspecies. Nachr. ent. Ver. Apollo (N.F.) 16(2/3): 259-262.
- **815. Sanetra,M. & K.Fiedler**, 1996, Behaviour and morphology of an aphytophagous lycaenid caterpillar Cigaritis (Apharitis) acamas Klug,1834 (Lepidoptera, Lycaenidae). Nota lepid. 18 (1) (1995) 57-76.
- 816. Sarıgül, T. et al., 2008, List of the butterflies observed around Dereköy (Kırklareli Province, Turkey). Cesa News 28: 17-19.
- 817. Sattler, K. & W.G. Tremewan, 1984, The Lepidoptera names of Denis & Schiffermüller- a case for stability. Nota lepid. 7 (3): 282-285.
- **818. Sauter, W.,** 1968, Hilfstabellen zur Bestimmung europäischer Lycaeniden (Lep., Lycaenidae). Mitt. ent. Ges. Basel (N.F.) 18: 1-18, figs.
- **819. Schadewald,G.,** 1992, Beitrag zur Klärung der Melitaea britomartis-Gruppe (Lep., Nymphalidae). Esperiana 3: 545-551, Abb.
- **820. Schaider,P. & P.Jaksic**, 1989, Die Tagfalter von jugoslawisch Mazedonien Diurna (Rhopalocera und Hesperiidae). 82 S., 46 Taf., 199 Karte. Ljubljana.
- **821. Schmidt-Koehl,W.,** 1969, Geographisch-faunistische u. systematisch-nomenklatorische Studien zur Macrolepidopteren-Fauna des Libanon sowie einzelner Gebiete der nordwestlichen und mittleren Türkei unter Berücksichtigung einer vergl. Betrachtung der Frühjahrsfauna von Ostsizilien. Abh. ArbGem. tier.-pflanz. geogr. Heimatf. Saarland 1: 32-88, 9 Abb.
- **822. Schmidt-Koehl,W.**, 1984, Kurzbericht zu einigen Tagfalterarten des nordwestlichen Teiles der Türkei Mitte August 1983 (Insecta, Lepidoptera). Atalanta 15 (1/2): 104-108.
- **823. Schurian, K.G. & C. Häuser**, 1981, Zoogeographie uns subspezifische Gliederung der zentral- uns ostanatolischen, sowie der iranischen Meleageria-Formen (Lepidoptera, Lycaenidae). Atalanta 12 (2): 101-111, 4 Abb.
- **824. Schurian,K.G. & K.Fiedler**, 1994, Zur Biologie von Polyommatus (Lysandra) dezinus (de Freina & Witt) (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 14(4): 339-353, 9 figs., pl.

- **825. Schurian,K.G. & K.Fiedler**, 1996, Adult behaviour and early stages of Lycaena ochimus (Herrich-Schäffer [1851]) (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 16(4): 329-343, 18 figs.
- **826. Schurian, K.G. & K.Rose,** 1991, Contribution to the knowledge of Polyommatus (Aricia) hyacinthus (Herrich-Schäffer, 1847) and the description of a new subspecies (Lepidoptera, Lycaenidae). Linneana Belg. 13 (2): 80-93, Pls.
- **827. Schurian, K.G. & P. Hofmann**, 1983, Entomologische Aufsammlungen und Beobachungen bei Kızılcahamam (Türkei). Nachr. ent. Ver. Apollo. (n.f.) 3(4): 111-127, 4 Abb.
- **828. Schurian,K.G. & W.Eckweiler,** 1997, Wiederfund Polyommatus (Agrodiaetus) dama Staudinger,1892 in der Türkei (Lepidoptera, Lycaenidae), [in] Eckweiler & Häuser, Contributions to the systematics and biology of the Polyommatus (Agrodiaetus) species-group (Lep., Lycaenidae). Nachr. Ent. Ver. Apollo, Suppl. 16: 49-52.
- **829. Schurian, K.G. & W. Eckweiler**, 1997, Wiederfund von Polyommatus (Agrodiaetus) dama Staudinger, 1892 in der Türkei (Lepidoptera, Lycaenidae). Nachr ent. Ver. Apollo (N.F.), Suppl. 16: 49-52.
- **830. Schurian,K.G. et al.,** 1991, Ergänzungen zur Tagfalterfauna von Kızılcahamam (Türkei). Nachr. ent. Ver. Apollo N.F. 12 (1): 57-67.
- **831. Schurian, K.G.**, 1978, Zur Biologie von Lysandra caucasica (Lep., Lycaenidae). Ent. Z., Frankf. a. M. 88(22): 254-257.
- 832. Schurian, K.G., 1988, Neueinteilung des Subgenus Lysandra der Gattung Polyommatus Latreille (Lepidoptera, Lycaenidae). Ent. Z., Frankf. a. M. 98 (10): 129-144.
- **833. Schurian, K.G.,** 1989, Revision der Lysandra-Gruppe des Genus Polyommatus Latr. (Lepidoptera, Lycaenidae). Neue ent. Nachr. 24: 1-181, 29 Taf.
- **834. Schurian, K.G.**, 1996, A contribution to the biology of Brenthis mofidii (Wyatt,1968). Linneana Belgica 15(8): 311-314, 8 figs.
- **835. Schurian, K.G.**, 1996, Beobachtungen zum Eiablageverhalten von Cigaritis cilissa (Lederer, 1861) (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 17 (1): 111-112.
- **836. Schurian,K.G.**, 1999, Eiablagestrategien bei Bläulingen (Lepidoptera, Lycaenidae) 2. Das Eiablageverhalten von Polyommatus (Agrodiaetus) admetus (Esper,[1783]). Nachr. ent. Ver. Apollo (N.F.) 20 (2): 189-194, figs.
- **837. Schurian,K.G.**, 2002, Beobachtungen bei der Zucht von Polyommatus (Aricia) torulensis (Lepidoptera, Lycaenidae). Phegea 30 (2): 55-60, figs.
- 838. Schurian, K.G., Hagen, W.Ten & H.-G. Mark, 1999, Beitrag zur Biologie sowie Versuch einer taxonomischen Einordnung von Plebeius (Vacciniina) loewii (Zeller, 1847) (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 20(1): 1-16, figs.
- **839. Schurian,K.G., Hofmann,P. & A.Reif,A,** 1991, Ergänzungen zur Tagfalterfauna von Kızılcahamam (Türkei). Nachr. ent. Ver. Apollo. (n.f.) 12(1): 57-67, 4 Abb.
- **840.** Schurian, K.G., Oorschot, H.v. & H.v.d. Brink, 1992, Polyommatus (Agrodiaetus) poseidon (H.-S.) und Polyommatus (Agrodiaetus) theresiae sp. nov. aus der Türkei (Lepidoptera, Lycaenidae). Nachr. ent. Ver. Apollo (N.F.) 12 (4): 217-232, Pl.1, Abb.9-10.
- **841. Schwingenschuss, L.**, 1938-1939, Sechster Beitrag zur Lepidopterenfauna Inner- Anatoliens. Ent. Rdsch. 55: 141-147, 157-164, 173-177, 181-184, 199-202, 223-226, 299-300, 337-340, 411-412, 454-457, 532, 700; 56: 133-135, 250-252.
- **842. Schwingenschuss, L.**, 1939, Beitrag zur Fauna von Bithynien, besonders von Boli (jetzt Bolu). Ent. Rdsch. 56 (29): 325-328, (32): 358-360, (34): 383-384.
- **843. Schwingenschuss,L.,** 1939, Kleiner Beitrag zur Fauna der Umgebung Erzerums in Kleinasien. Z. öst. EntVer. 24 (7): 97-100.
- **844. Scopoli, J.A.**, 1763, Entomologia Carniolica exhibens insecta Carnioliae indigena et distributa in ordines, genera, species, varietates, methodo Linn. xxxvi+420 pp., 37 pls., Vindobonae, Trattner.
- **845. Scudder,S.H.**, 1875, Historical sketch of the generic names proposed for butterflies: a contribution to systematic nomenclature. Proc. am. Acad. Arts Sci., Boston 10: 91-293.
- **846. Seven, E.**, 2010, Studies on the fauna and ecology of Papilionoidea and Hesperioidea (Lepidoptera) in Şirvan district (Siirt Prov., SE Turkey) [in Turkish]. Cent. ent. Stud., Priamus (suppl.) 20: 1-118, figs.
- 847. Seven,S. & M.Bakowski, 1996, Soğuksu Milli Parkı (Ankara) Lepidoptera faunasına katkılar. Cent. ent. Stud., Priamus 7 (4): 156-170.
- **848. Seven,S. & M.Kemal**, 2000, Additions to the local faunas of the diurnal Lepidoptera in the Province of Ankara (North Turkey). Cent. ent. Stud., Misc. Pap. 62: 1-7.
- **Seven,S. & M.Kemal,** 2000, Additions to the diurnal lepidoptera fauna of the districts Çubuk and Kalecik (Ankara Prov., North Turkey). Cent. ent. Stud., Misc. Pap. 63: 1-5.
- 850. Seven, S., 1993, Trakya Lepidoptera'sı Üzerine faunistik notlar. Cent. ent. Stud., Misc. Pap. 18: 4-8.
- **851. Seven,S.**, 1994, Kızılcahamam Kocaçay vadisi'nin diurnal Lepidopterlerinin ekolojisi ve faunası. Cent. ent. Stud., Priamus 7 (1/2): 3-62.
- 852. Seven,S., 1995, Trakya Lepidoptera faunasına katkılar. Cent. ent. Stud., Misc. Pap. 23/24: 1-13, 3 figs.

- **853. Seven,S.**, 1997, Papilio machaon Linnaeus,1758 türüyle ilgili bazı nomenklatür sorunları hakkında (Lepidoptera, Papilionidae). Cent. ent. Stud., Misc. Pap. 37: 1-3.
- **854. Seven,S.**, 1997, Batı Asya'da bulunan bazı Lycaenid taksonlarındaki sinonimler hakkında (Lepidoptera). Cent. ent. Stud., Misc. Pap. 43: 1-3.
- **855. Seven,S.**, 2000, Tomares (nogelii) nogelii ssp. cesa (ssp.n.) [in] Koçak,A., Enkhere vilayitidiki kepineklirining sinonumik tizimliği (Lepidoptera). Cent. ent. Stud., Misc. Pap. 67/69: 14.
- **856. Seven,S.**, 2000, Tomares (nogelii) dobrogensis ssp. uighurica (ssp.n.) [in] Koçak,A., Enkhere vilayitidiki kepineklirining sinonumik tizimliği (Lepidoptera). Cent. ent. Stud., Misc. Pap. 67/69: 14.
- **857. Seven,S.**, 2000, Kırıkkale Lepidoptera faunası ekolojisi ve taksonomisi üzerine araştırmalar. Cent. ent. Stud., Priamus 10 (1/2): 1-101, 1 harita.
- **858. Seven,S.**, 2006, Preliminary survey on the butterfly fauna of Kazdağı National Park (Turkey). Bull. lépidopteristes Paris. 15 (34): 74-80, 8 figs.
- 859. Seven,S., Hüseyinoğlu,Y., Kemal,M. & M.Özdemir, 2000, Recent collections of the diurnal Lepidoptera of the Soğuksu N.P. Işık Dağı (Kızılcahamam, Ankara Prov., N.Turkey). Cent. ent. Stud., Misc. Pap. 64: 1-6.
- **860. Seyer,H.,** 1984, Der Rassenkreis von Anthocharis damone im Mittelmeerraum und eine neue Subspezies aus der Türkei (Lep., Pieridae). Ent. Z., Frankf. a. M. 94: 233-237, Abb. 2.
- **861. Seyer,H.,** 1985, Der Rassenkreis von Anthocharis damone im Vorderen Orient und eine neue Subspezies von dort (Lep., Pieridae). Ent. Z., Frankf. a. M. 95: 20-23, 2 Abb.
- **862. Seyer,H.,** 1988, Euchloe belemia moslemi ssp.n. de l'Iraq (Lepidoptera, Pieridae). Linneana Belgica 11: 329-332, figs.
- **863. Sheljuzhko,L.,** 1908, Quelques formes nouvelles des Lépidoptères. Russk. ent. Obozr. 7 (1907): 232-233.
- **864. Sheljuzhko,L.,** 1924, Uebersicht der kaukasischen Rassen von Parnassius apollo L. Mitt. münch. ent. Ges. 14: 42-54.
- 865. Sheljuzhko, L., 1925, Neue Pieriden-Formen. Mitt. münch. ent. Ges. 15: 96-101.
- **866. Sheljuzhko,L.,** 1931, Einige Randbemerkungen zum "Supplement" zu den "Gross-Schmetterlingen der Erde" herausgegeben von Dr.A.Seitz. Papilionidae und Pieridae. Int. ent. Z. 25: 69-74.
- **867. Sheljuzhko,L.,** 1937, Lepidopterologische Ergebnisse meiner Reise nach dem Teberda-Gebiete (Nordwest-Kaukasus) Folia zool. Hydrobiol. 8: 117-140, Taf. 6.
- **868. Shields,O.**, 1996, Geographic isolation in southwestern North American Butterflies (Lepidoptera, Rhopalocera). Nachr. ent. Ver. Apollo N.F. 17(1): 71-92.
- **869. Shirozu,T. & H.Yamamoto,** 1956, A generic revision and philogeny of the tribe Theclini (Lepidoptera, Lycaenidae). Sieboldia 4: 329-421, 35-85 Pls.
- **870. Shirozu,T. & T.Saigusa,** 1971, A New Genus of the Subfamily Apaturinae (Nymphalidae). Butterfl. Moths 22 (1/2): 7-13, 4 figs.
- **871. Sibatani, A.**, 1974, A new genus for two species of Lycaeninae (s.str.) (Lepidoptera, Lycaenidae). from Papua New Guinea. J. Aust. ent. Soc. 13: 95-110, 23 figs.
- **872. Sieglinde & K.Rehnelt**, 1972, Ein Fund von Colias erate in Griechenland (Lep., Pieridae). Societas ent. 82(14): 159-160.
- **873. Siepe,W.,** 1995, Die Praeimaginalstadien und die Aufzucht von Polyommatus (Aricia) torulensis Hesselbarth & Siepe,1993 (Lepidoptera, Lycaenidae). Phegea 23 (3): 167-172, figs.
- 874. Sişli,M.N., 1968, Ankarada Aporia crataegi L.'nin (Lepidoptera, Pieridae) göçü. Bitki Koruma Bülteni 8(1): 74-76, şek.
- 875. Skala,P., 2003, A new species of the genus Satyrus Latreille,1810 from Iran (Lepidoptera, Nymphalidae). Linneana Belg. 19 (1): 35-40, figs.
- 876. Skala,P., 2003, New taxa of the genus Hyponephele Muschamp,1915 from Iran and Turkey (Lepidoptera, Nymphalidae). Linneana Belg. 19 (1): 41-50, figs.
- 877. Sovinsky, V., 1915, Notice sur les races caucasiens de Lycaena damon Schiff. Russk. ent. Obozr. 15: 383-391.
- **878. Speyer,A.,** 1879, Die Hesperiden-Gattungen des europäischen Faunengebiets II.Nachträge Das Flügelgeäder. Stettin ent. Ztg. 40: 477-500.
- 879. Standfuss, M., 1892, Lepidopterologisches [in] Romanoff, N.M., Mém. Lépid. 6: 659-669, Pl.
- 880. Stauder, H., 1924, Neue Palaearktenformen II. Mitt. münch. ent. Ges. 14: 59-66.
- **881. Staudinger,O. & H.Rebel,** 1901, I.Theil: Famil. Papilionidae-Hepialidae. [in] Staudinger,O. & H.Rebel, Catalog der Lepidopteren des palaearctischen Faunengebietes. xxxii+411S. Berlin.
- **882. Staudinger,O.**, 1860, Pieris krueperi. Ein neuer europäischer Tagfalter. Wien. ent. Monatschr. 4: 19-20.
- **883. Staudinger,O.,** 1861, Macrolepidoptera. [in] Staudinger,O. & M.Wocke, Catalog der Lepidopteren Europa's und der angrenzenden Länder. xvi+84S. Dresden.
- **884. Staudinger,O.,** 1871, Macrolepidoptera. [in] Staudinger,O. & M.Wocke, Catalog der Lepidopteren des europäischen Faunengebiets. xxxviii+200S. Dresden.

- **885. Staudinger,O.,** 1878-1881, Lepidopteren-Fauna Kleinasien's. Horae Soc. ent. ross. 14: 176-482; 15: 159-435; 16: 65-135.
- **886. Staudinger,O.,** 1879, Ueber die Lepidopteren südostlichen europäischen Russlands. Stettin ent. Ztg. 40: 315-328.
- **887. Staudinger,O.,** 1892, Neue Arten und Varietäten von Lepidopteren des paläarktischen Faunengebietes. Dt. ent. Z., Iris 4: 224-339, Taf.
- 888. Staudinger, O., 1894, Über Namens-Aenderungen. Dt. ent. Z., Iris 6: 368-369.
- **889. Staudinger,O.**, 1895, Neue Lepidopteren-Arten und Varietäten dem paläarktischen Faunengebiet. Dt. ent. Z., Iris 7 (1894): 241-296, Taf. [publication date 5 Jan., 1895]
- 890. Staudinger, O., 1897, Drei neue paläarktische Lepidopteren. Dt. ent. Z., Iris 10: 152-156, Taf.V.
- 891. Staudinger, O., 1898, Neue Lepidopteren aus Palestina. Dt. ent. Z., Iris 10: 271-319, Taf.IV
- **892. Staudinger,O.**, 1896, Neue paläarktische Lepidopteren. Dt. ent. Z., Iris 8 (1895): 288-299, Taf.v. [publication date 2 Jan. 1896]
- **893. Stempffer,H.,** 1931, Contribution a l'etude de quelques especes du genre Lycaeides Hübner. Annls Soc. ent. Fr. 1931: 121-132, 3 Pls.
- **894. Stempffer,H.**, 1967, The genera of the African Lycaenidae (Lepidoptera, Rhopalocera). Bull. Br. Mus. (Nat. Hist.) Ent., Suppl. 10: 1-322, figs.
- **895. Stephens, J.F.**, 1827-1835, Illustrations of British entomology; or, a synopsis of indigenous insects... Haustellata. 1 (1827-1828): 152pp., pls.1-12; 2 (1828-1829): 203pp., pls.13-24; 3 (1829-1831): 337pp., pls.25-32; 4 (1831-1835): 436pp., pls. 33-41. Baldwin & Cradock, London.
- **896. Stichel,H.,** 1907, Lepidoptera. [in] Wytsman,P., Genera Insectorum Fasc. 59. Zerynthiinae. Bruxelles.
- **897. Stichel,H.,** 1907, Lepidoptera. [in] Wytsman,P., Genera Insectorum Fasc. 58. Parnassiinae. Bruxelles.
- **898. Stichel,H.,** 1908, Die Lepidopteren-Gattung Parnassius Latreille mit besonderer Berücksichtigung der historischen, morphologischen und biologischen Verhältnisse. Berl. ent. Z. (Sitzb. 1906) 52: (15)-(26).
- **899. Stoll,C.,** 1780-[1782], [in] Cramer,P., Die Uitlandsche Kapellen voorkomende in de drie warelddeelen Asia, Africa en America 4 (part): 29-252 pp., 305-400 Pls. Amsterdam & Utrecht.
- **900. Stoll,C.,** 1787-[1790] Die Uitlandsche Kapellen voorkomende in de drie warelddeelen Asia, Africa en America [supplement] viii+ [184] pp., 4 Pls. Amsterdam.
- **901. Stradomsky,B.V.,** 2006, Polyommatus shchurovi sp.n. (Lepidoptera, Lycaenidae) from the altitude areas of Western Caucasus. Caucasian Ent. Bull. 2 (2): 215-216, figs.
- **902. Strand, E.**, 1909, Lepidoptera von Eregli und Taurus in Kleinasien, gesammelt von Herrn J. Niedieck. Int. ent. Z. 3: 78-81.
- **903. Stüning,D. & S.Wagener,** 1989, Eine neue Unterart von Archon apollinus (Herbst,1798) aus der europäischen Türkei (Lepidoptera, Papilionidae). Nachr. ent. Ver. Apollo (N.F.) 10(2): 133-142, 2 Taf.
- **904. Swainson,W.,** 1827, A sketch of natural affinities of the Lepidoptera Diurna of Latreille. Phil. Mag. (n.s.) 1(1): 180-188.
- **Talbot,G.**, 1939, Revisional notes on the genus Colotis Hübn. (Lepid., Pieridae) with a systematic list. Trans. R. ent. Soc. Lond. 88: 173-233.
- **906. Talbot,G.,** 1943, Revisional notes on Anaphaeis Hübn. and Belenois Hübn., with descriptions of some new forms (Lep., Rhop., Pieridae). Ann. Mag. nat. Hist. (11) 10: 305-336.
- 907. Tarrier, M. & R.Leestmans, 1993, La répartition, l'habitat, la biocénose et l'écologie d'Euchloe falloui Allard (1867) Une nouvelle station au sud du Maroc (Lepidoptera, Pieridae). Linneana Belgica 14 (2): 63-72, 2 figs.
- **908. Tauber, A.F.**, 1970, Glaziale Reliktformen der Gattung Maniola (Lep. Satyridae) in Vorderasien. Z. ArbGem. öst. Ent. 22(4): 101-119, 13 Abb.
- **Tennent,W.J.**, 1985, Some records of spring butterflies in Cyprus in 1984. Entomologist's Gaz. 36: 105-109.
- **910. Tennent,W.J.,** 2008, A checklist of the satyrine genus Erebia (Lepidoptera) (1758-2006). Zootaxa 1990: 1-109, figs.
- 911. Thomson,G., 1959, Maniola (Epinephele) jurtina (L.) (Lep. Satyridae) and its forms. Entomologist's Rec. J. Var. 81: 7-14, 51-58, 83-90, Pl.
- **912. Thomson,G.,** 1973, Geographical variation of Maniola jurtina (L.) (Lepidoptera, Satyridae). Tijdschr. Ent. 116 (12): 185-227, 2 Pl.
- **913. Thomson,G.,** 1992, Egg surface morphology of Manioline butterflies (Lepidoptera, Nymphalidae, Satyrinae). Atalanta 23(1/2): 195-214, 42 figs.
- 914. Tolman, T. & R. Lewington, 1997, Butterflies of Britain and Europe. 320pp., 104 pls., 429 maps. Harper Collins Publ. London.
- 915. Turner, H.J., 1920, Butterflies of Cyprus. Trans. ent. Soc. London 1920: 170-207.

- **916. Tusov,V.K. [ed.]**, 2000, Families Libytheidae Lycaenidae. Guide to the butterflies of Russia and adjacent territories (Lepidoptera, Rhopalocera) 2. 579pp., Pls. Pensoft Publ., Sofia.
- **917. Tutt,J.W.**, 1896, The Large Copper Butterfly (Chrysophanus dispar). Entomologist's Rec. J. Var. 8: 57-65.
- **918. Tutt,J.W.,** 1908, Everes alcetas (coretas) as a distinct species from Everes argiades. Entomologist's Rec. J. Var. 20(10): 231-237, 264-266.
- **919. Tutt,J.W.**, 1908, Notes on Everes argiades, and its ab.alcetas Hb. (=coretas Ochs.). Entomologist's Rec. J. Var. 18: 129-132.
- **920. Uzun,S.**, 1987, Parasites of Pieris brassicae (L.) (Lepidoptera, Pieridae) which is harmful on cabbage and cauliflower around Izmir. Türk Bitki Koruma Derg. 11(4): 237-245, figs.
- **921. Vallantin,H.**, 1894, Lépidoptère nouveau d'Algerie. Epinephele Ida, var. Cecilia. Naturaliste, Paris 16(2) 8(185): 260.
- **Yarga,Z.**, 1967, Contribution to the taxonomy of Melitaea phoebe Schiff. in Southeastern Europe, with description two new subspecies. Acta univ. debrecen (Ser.2) Biologica 5: 119-137, 31 figs.
- **923. Varga,Z.**, 1975, Zoogeographische Gliederung der palaearktischen Orealfauna. Verh. des Sechsten Int. Symp. über Entomofaunistik in Mitteleuropa: pp. 263-284, 6 Abb. Junk & The Hague.
- **924. Varga,Z.**, 1977, Das Prinzip der areal-analytischen Methode in der Zoogeographie und die Faunenelemente-Einleitung der europäischen Tagschmetterlinge (Lepidoptera, Diurna). Acta univ. debrecen (Ser.2) Biologica 14: 223-285, 33 Abb.
- **925. Varga,Z.**, 1995, Geographical patterns of the biological diversity in the Palaearctic Region and the Carpathian Basin. Acta zool. hung. 41 (2): 71-92, 3 figs., 2 Tab.
- **926. Varga,Z.,** 1996, Biogeography and evolution of oreal Lepidoptera in the Palaearctic. Acta zool. hung. 42 (4): 289-330, 12 figs.
- **927. Verhulst,J.**, 1993, Fiches spécifiques des Colias F. (Colias Data sheets) (Lepidoptera, Pieridae). Dixieme fiche. Colias chlorocoma. Lambillionea 93: 39-50, 11 figs. 2 Pls. 1 map.
- **928. Verity,R.,** 1905-1911, Rhopalocera palaearctica. Papilionidae et Pieridae. 86+368 pp. 2+12+72 pls. Firenze.
- **Yerity, R.**, 1913, Revision of the Linnean types of palaearctic Rhopalocera. J. Linn. Soc. (Zool.) 32: 173-191.
- 930. Verity, R., 1914, Dates of Publication of "Rhopalocera Palaearctica". Novit. zool. 21: 426.
- **931. Verity,R.**, 1925, New races and forms of Palaearctic Grypocera. Entomologist's Rec. J. Var. 37: 41-44, 54-57, 72-76.
- **932. Verity,R.,** 1919-1922, Seasonal polymorphism and races of some Europaean Grypocera and Rhopalocera. Entomologist's Rec. J. Var. 31 (1919): 26-33, 43-48, 87-89, 121-129, 178, 184, 193-201; 32 (1920): 3-8, 140-152; 33 (1921): 170-176, 190-193, 210-214; 34 (1922): 12-15, 68-73, 89-93, 124-142.
- **933. Verity,R.,** 1929, The asiatic origins of the Western palaearctic Rhopalocera examplified by Melitaea didyma Esp. Entomologist's Rec. J. Var. 41: 31-34, 39-43, 63-67, 72-76, 89-91, 111-118, 127-132.
- **934. Verity, R.,** 1931, On the geographical variations and evolution of Lycaeides argus L. (Lycaenidae). Dt. ent. Z., Iris 45: 30-69.
- **935. Verity,R.**, 1932, The geographical Variations of Boloria euphrosyne L. Entomologist's Rec. J. Var. 44: 110-115, 119-121.
- **936. Verity,R.,** 1934-1936, The lowland races of butterflies of the Upper Rhone Valley. Entomologist's Rec. J. Var. 46 (suppl.): 1-40; 47 (suppl.): 41-76; 48 (suppl.): 77-90.
- 937. Verity,R., 1935, Races de Lysandra thersites (Lep.,Cant.) Champ. et de Plebeius sephyrus Friv. de l'Asie Mineure. Bull. Soc. ent. Fr. 40: 243-245.
- 938. Verity, R., 1937, Variation of Eumenis allionii G.H.: fatua Freyer. Entomologist's Rec. J. Var. 49: 99-
- 939. Verity, R., 1937, Des variations géographiques de l'Eumenis briseis L. Lambillionea 37: 4-14, 50-63.
- **940. Verity,R.,** 1937-1938, Variation of some butterflies in Anterior Asia and in Morocco. Entomologist's Rec. J. Var. 49 (11) (suppl.): (1)-(4); (12) (suppl.): (5)-(8); 50 (5) (suppl.): (9)-(12); (6) (suppl.): (13)-(15).
- **941. Verity,R.**, 1939, Race persane du Palaeoloweia tityrus Poda,1761 =dorilas Hufnagel,1766=dorilis (par lapsus) Stdgr.,1861. Lambillionea 39: 183-186.
- **942. Verity,R.,** 1939, Essai sur la distinction des especes du groupe de Lysandra coridon Poda. Lambillionea 39: 210-222.
- **943. Wagener,S.,** 1974, Ergebnisse der tschechoslowakisch-iranischen entomologischen Expedition nach dem Iran 1970 (mit Angaben über einige Sammelresultate in Anatolien) Nr. 9. Lepidoptera, Satyridae: Genus Melanargia Meigen,1828. Acta ent. Mus. natn. Pragae (suppl.) 6: 99-104, 2 Abb.
- **944. Wagener,S.,** 1975, 4. Beitrag. Die vorderasiatischen Formen der Melanargia russiae (Esper,1784), [in] Ebert,G. et al., Beitraege zur Kenntnis der Rhopaloceren Irans. J. ent. Soc. Iran, Suppl. 1: 47-62, figs.
- **945. Wagener,S.**, 1976, Melanargia larissa lesbina subspecies nova (Lepidoptera, Satyridae). NachrBl. bayer. Ent. 25(3): 40-43, fig.
- 946. Wagener, S., 1983, Zwei neue Melanargia-Formen aus Anatolien. Atalanta 14 (3): 247-299, Abb.

- **947. Wagener,S.,** 1983, Brenthis ino schmitzi ssp.n. aus Nordost-Anatolien (Lepidoptera, Nymphalidae). Entomofauna 4(7):109-117,figs.
- **948. Wagener,S.**, 1983, Zur Taxonomie, Nomenklatur und Verbreitung von Melanargia titea (Klug,1832) (Lepidoptera, Satyridae). Nota lepid. 6 (2/3): 175-188, 32 figs.
- **949. Wagener,S.,** 1984, Struktur und Skulptur der Eihüllen einiger Melanargia-Arten (Lepidoptera, Satyridae). Andrias 3: 73-96, Abb.
- **950. Wagener,S.,** 1988, Wer hat als Autor des Gattungsnamens Parnassius (Lepidoptera, Papilionidae) zu gelten? Nota lepid. 11(3): 237-238.
- **951. Wagener,S.,** [1990], 10 Thesen zum Arten- und Biotopschutz der Schmetterlinge. Atalanta 20 (1989): 131-133.
- **952. Wagener,S.,** 2006, Butterfly diversity and protection in Turkey. Bonn. zool. Beitr. 54 (1) (2005): 2-23, 4 maps.
- **953. Wagner,F.**, 1931, Dritter (IV.) Beitrag zur Lepidopteren-Fauna Inner-Anatoliens. Int. ent. Z. 24(45): 467-474; (46): 475-485; (47): 487-492, Taf.
- **954. Wagner,F.**, 1929, Weiterer Beitrag zur Lepidopteren-Fauna Inner Anatoliens. Mitt. münch. ent. Ges. 19: 1-28, 57-80, 175-206, 2 Taf.
- **955. Wakeham-Dawson,A.,** 1996, How useful are male genitalia as taxonomic characters in the genus Pseudochazara de Lesse,1951 (Lepidoptera, Satyridae)? Entomologist's Gaz. 47: 227-237, 9 figs. 3 Tab.
- **956. Wakeham-Dawson,A.,** 1997, Discriminant analysis of androconia in the genus Pseudochazara de Lesse,1951 (Lepidoptera, Satyridae). Entomologist's Gaz. 48: 37-46.
- 957. Wakeham-Dawson, A., Parker, R., John, E. & R.L.H. Dennis, 2003, Comparison of the male genitalia and androconia of Pseudochazara anthelea acamanthis (Rebel,1916) from Cyprus Pseudochazara anthelea (Hübner,1824) from mainland Turkey and Pseudochazara anthelea amalthea (Friv.,1845) from mainland Greece... Nota lepid. 25 (4): 251-263, 4 Tab., 6 figs.
- 958. Walker, F.A., 1885, Oriental Entomology. Entomologist 18: 6-9, 39-41, 91-94.
- **959. Walker, J.J.**, 1879, Notes on the butterflies of Port Balkar, Turkey. Entomologist's mon. Mag. 15: 193-196.
- **960. Walker, J.J.**, 1879, Notes on the butterflies of Port Baklar, Turkey. Entomologist's mon. Mag. 15: 193-196.
- **961. Warren,B.C.S.,** 1913, Notes on Pieris manni and other entomological subjects. Entomologist's Rec. J. Var. 25: 305-306.
- **962. Warren,B.C.S.,** 1926, Monograph of the tribe Hesperiidi (European species) with revised classification of the subfamily Hesperiinae (Palaearctic species) based on the genital armatures of the males. Trans. ent. Soc. Lond. 74: 1-170, Pls.
- **963. Warren,B.C.S.,** 1930, A definition of the satyrid genera Erebia, Callerebia, Paralasa and Erebomorpha. Entomologist's Rec. J. Var. 42: 103-107.
- **964. Warren,B.C.S.**, 1936, Monograph of the genus Erebia. vii+407pp. 104 Pls. British Museum (Nat. Hist.), London.
- **965. Warren,B.C.S.,** 1938, On the racial variability of Erebia melancholica H.-S. Entomologist 71: 246-250.
- **966. Warren,B.C.S.,** 1942, Genus Pandoriana gen. nov. A preliminary description. Entomologist 75: 245-246.
- **967. Warren,B.C.S.,** 1944, Review of the classification of the Argynnidi: with a systematic revision of the genus Boloria. Trans. R. ent. Soc. Lond. 94: 1-101, Pls.
- 968. Warren, B.C.S., 1949, A note on Erebia dromulus Stgr. Entomologist 82: 190.
- **969. Warren,B.C.S.,** 1951, Speciation in the genus Colias: with special reference to C.hyale and C.australis. Lambillionea 50 (1950): 90-98, pls.v-vi.
- **970. Warren,B.C.S.,** 1961, The androconial scales and their bearing on the question of speciation in the genus Pieris. Ent. Tidskr. 82: 121-148, pls.1-3.
- **971. Warren,B.C.S.**, 1963, Pieris bryoniae dubiosa Röber and notes on the variation in the androconia of Pieris species. Entomologist's Rec. J. Var. 75: 125-129, pl.3.
- **Watson, E.Y.**, 1893, A proposed classification of the Hesperiidae, with a revision of the genera. Proc. zool. Soc. Lond. 1893: 3-132, 3 Pls.
- 973. Weidemann, H.J., 1986,1988, Tagfalter. Entwicklung, Lebensweise, Biologie, Ökologie, Biotopschutz. Band 1 (1986). Papilionidae, Pieridae, Lycaenidae. 286S. 240 Farbfotos. Band 2 (1988). Lycaenidae, Riodinidae, Nymphalidae, Satyridae, Hesperiidae. 372S. 360Farbfotos. JNN-Naturführer
- **974. Weidenhoffer,Z. & J.Klir,** 2000, A new species of Plebejus Kluk,1780 from Iran (Lepidoptera, Lycaenidae). Linneana Belg. 17 (7): 289-292, figs.
- **Weidenhoffer,Z. & W.Eckweiler**, 1988, Notes on the status of Armenia hyrcanica (Riley,1939) (Lepidoptera, Lycaenidae). Nota lepid. 10 (4): 241-246, 3 figs.
- 976. Weiss, D. & P.Skala, 2000, A new subspecies of Hyponephele Muschamp,1915 from western Turkey (Lepidoptera, Satyridae). Atalanta 31 (1/2): 129-133, pls.viii-ix.

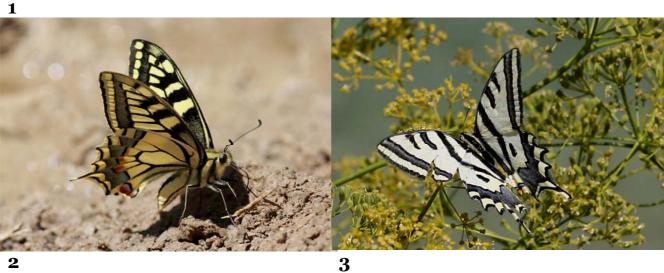
- Weiss, D. & V.Major, 2000, A new species of the genus Melitaea Fabricius, 1807 from Iran (Lepidoptera, Nymphalidae). Atalanta 31 (1/2): 123-128, pls.v-vii.
- Weiss, D., 1978, A new species of the genus Hyponephele Muschamp 1915 from West Iran (Lepidoptera, Satyridae). Atalanta 9(3): 230-233, figs.
- Weiss, D., 1990, Results of Czechoslovak-Iranian Entomological Expeditions to 1970, 1973 and 1977 (together with results of collections made in Anatolia). Lepidoptera Rhopalocera. Acta ent. Mus. natn. Pragae 43: 215-235, 4 Taf.
- Weiss, J.-C., 1980, Le genre Pseudochazara de Lesse en Europe et en Afrique du Nord Description d'une sous-espèce nouvelle de Ps. hippolyte Esper (Lepidoptera Satyridae). Linneana Belgica 8(3): 98-
- Weiss, J.-C., 1991-1992, The Parnassiinae of the World. 2 pts. 48pp + 87pp. Pls.
- Werneburg, A., 1865, Über das Lepidopteren-Genus Colias, wie es in Staudinger's Catalog aufgestellt ist. Stettin ent. Ztg. 26: 272-288.
- Westwood, J.O., 1838-1840, An Introduction to the modern classification of Insects; founded on natural habits and corresponding organization of different families, 2 vols, Logman, London.
- Wiemers, M., 2003. Chromosome differentiation and the radiation of the butterfly subgenus Agrodiaetus (Lepidoptera, Lycaenidae, Polyommatus) - a molecular phylogenetic approach. Dissertation. Bonn.
- 985. Willmott, K.R., 2003. Cladistic analysis of the Neotropical butterfly genus Adelpha (Lepidoptera, Nymphalidae), wit comments on the subtribal classification of Limenitini. Syst. Ent. 28: 279-322, figs.
- Wiltshire, E.P., 1940, The Lepidoptera of the Lebanon. Addendum. Proc. R. ent. Soc. Lond. (B) 9: 79-82.
- Wiltshire, E.P., 1940, Some notes on migrant Lepidoptera in Syria, Iraq and Iran. Entomologist 73: 987. 231-234.
- Wiltshire, E.P., 1941, The summer flight; in cold climates of vernal and autumnal Lepidoptera. 988. Entomologist's Rec. J. Var. 53: 4-7.
- Wiltshire, E.P., 1941, Mesopotamian Desert Lepidoptera. J. Bomb. Nat. Hist. Soc. 42(4): 826-842. 989.
- Wiltshire, E.P., 1943, Early stages of Oriental Palaearctic Lepidoptera V. J. Bomb. nat. Hist. Soc. 43 990.
- Wiltshire, E.P., 1944, The butterflies and moths (Lepidoptera) of Iraq. Baghdad. 991.
- Wiltshire, E.P., 1946, Middle East Lepidoptera: New forms and species, vii. Entomologist's Rec. J. Var. 58: 25-31, Pls.
- Wiltshire, E.P., 1949, Middle East Lepidoptera, IX [X]. New species and forms from Arabia and Persia, with a description of the genus Tamsola from Iraq. Bull. Soc. Fouad I Ent. 33: 353-372, Pls., figs.
- Wiltshire, E.P., 1949, Some more new records of Lepidoptera from Cyprus, Iraq and Iran. Entomologist's Rec. J. Var. 61: 73-76.
- Wiltshire, E.P., 1951, A year on a Tigris Island. J. Bomb. nat. Hist. Soc. 49(4): 637-660, 3pls., figs. map.
- Wiltshire, E.P., 1952, Early stages of Palaearctic Lepidoptera, X. Bull. Soc. Fouad Ier Ent. 36: 175-996. 186, Pl.
- Wiltshire, E.P., 1957, Erste Stände palaearktischer Lepidopteren. XI. Z. wien. ent. Ges. 42: 149-155, Taf.12
- Wiltshire, E.P., 1957, The Lepidoptera of Iraq. Nicholas Kaye Ltd. London. 998.
- Wiltshire, E.P., 1962, Early stages of old world Lepidoptera- XII. J. Bomb. nat. Hist. Soc. 59(3): 778-779, 4 pls.
- 1000. Wnukowsky, W., 1929, Einige Nomenklatur-Notizen über die paläarktischen Lepidopteren. Zool. Anz. 83: 221-224.
- 1001. Worms, C.G.M.de, 1967, Three weeks in Cyprus, April-May 1967. Entomologist's Rec. J. Var. 79:
- 1002. Wytsman, P., 1902, Lepidoptera. [in] Wytsman, P., Genera Insectorum Fasc. 4. Leptocircinae.
- 1003. Yata, O., 1989, A revision of the Old World species of the genus Eurema Hübner (Lepidoptera, Pieridae). Part I. Phylogeny and zoogeography of the subgenus Terias Swainson and descriptions of the subgenus Eurema Hübner. Bull. Kitakyushu Mus. Nat. Hist. 9: 1-103, 24 pls.
- 1004. Zeller, P.C., 1847, Verzeichnis der vom Professor Dr. Loew in der Türkey und Asien gesammelten Lepidoptera. Isis, Leipzig 1847: 3-39.
- 1005. Zerny,H., 1932, Lepidopteren aus dem nördlichen Libanon. Dt. ent. Z., Iris 46: 157-191.
  1006. Zhdanko,A.B., 1993, Systematics and distribution of Thersamonolycaena Vrty. (Lepidoptera, Lycaenidae). Ent. Obozr. 72(1): 134-142, 18 figs. [in Russian].
- 1007. Zhdanko, A.B., 1994, Systematics and distribution of Lycaenidae of the genus Thersamonia (Lepidoptera) [sic]. Ent. Obozr. 73(1): 144-152, 21 figs. [in Russian].

- **1008. Zhdanko, A.B.,** 1994, Farsia subgen.n.- A new subgenus of the genus Vacciniina (Lycaenidae, Lepidoptera) from the Middle Asia. Ent. Obozr. 73: 151-154, figs. [in Russian].
- **Zukowsky,B.,** 1937, Reisebericht über entomologische Aufsammlungen im nordöstlichen Anatolien (westliches Armenien) 1934 (Lep.). Ent. Rdsch. 55: 1-6, 13-14, 27-30, 37-40.
- **Zukowsky,B.,** 1938, Herbstreise nach Kleinasien, Nordost-Anatolien und zilizischer Taurus (Lep.). Ent. Rdsch. 55: 529-531, 623-627, 648-651, 657-659, 708.
- 1011. Zukowsky, B., 1941, Siwas und Akschehir 1937 (Lep.). Ent. Z., Frankf. a. M. 54: 266-272.

# **Images from the Archive of the Cesa** (all photographs were taken by Muhabbet Kemal)

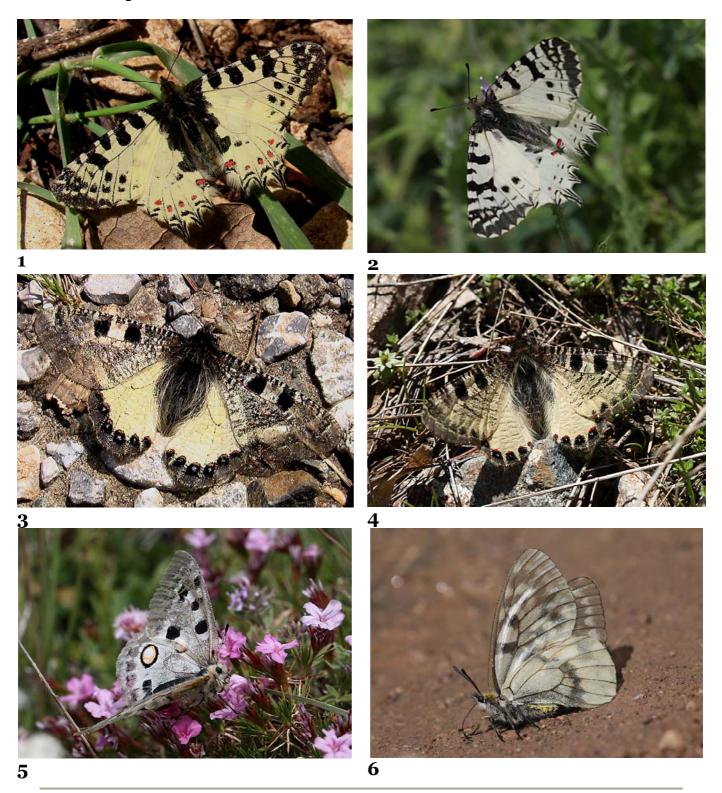
## Plate 1. Papilionidae





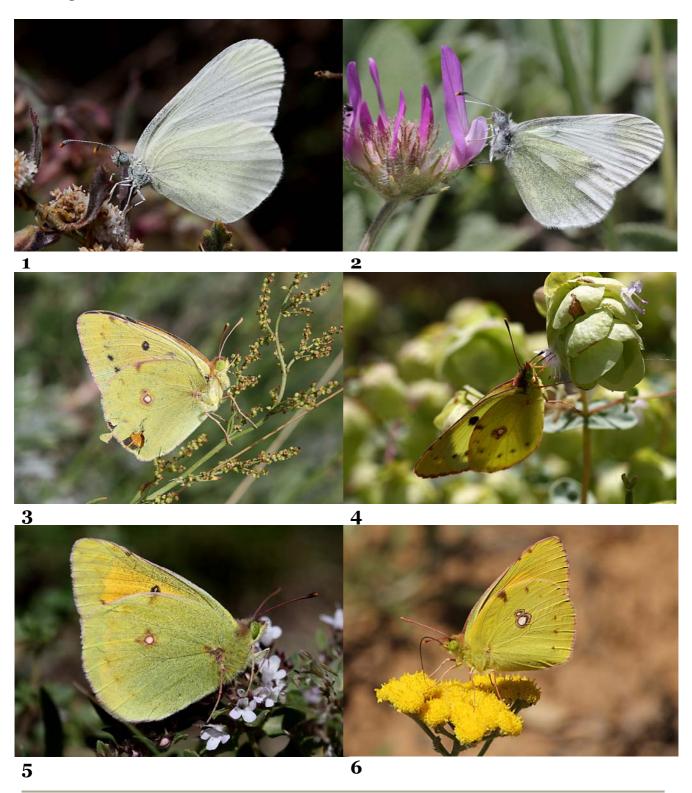
**Figs. 1-** *Iphiclides podalirius* (male)- Van, Çatak, 7 7 2009; **2-** *Papilio machaon* (male)-Hakkari, Cilo mountain, 3 7 2011; **3-** *P. alexanor* (male)-Van, Gevaş, 2 7 2009.

#### Plate 2. Papilionidae



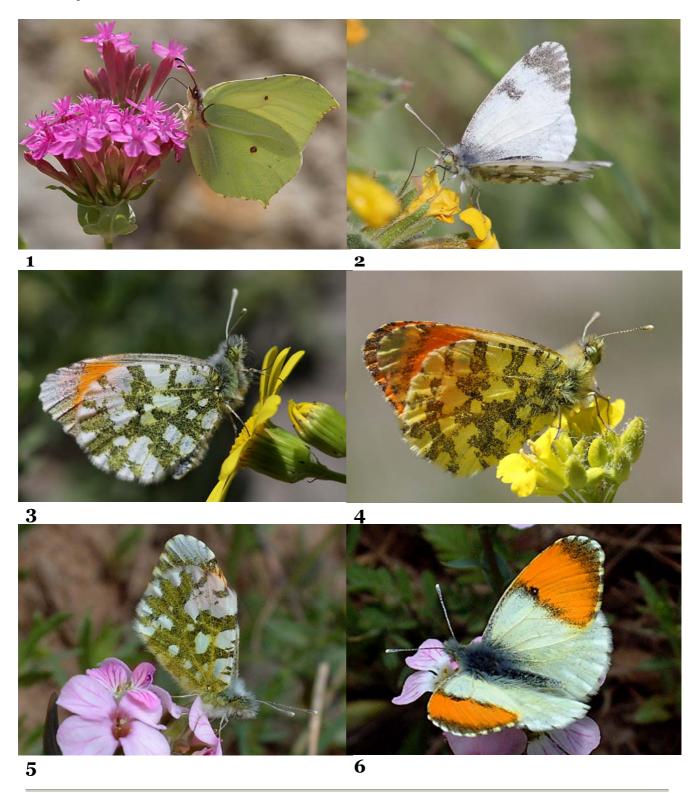
**Figs. 1-** *Allancastria cerisyi* (male) - Hatay Pr., 19 4 2007; **2-** *A. deyrollei* (male) - Şırnak, Cudi mountain, 8 5 2011; **3-** *Archon apollinus* (male) - İzmir, Kemalpaşa, 9 4 2009; **4-** *A. apollinaris* (male) Bitlis, Mutki, 19 3 2010; **5-** *Parnassius apollo* (female), Erzurum, Pazaryolu, 10 8 2009; **6-** *P. mnemosyne* (male), Hakkari, Cilo, 3 7 2011.

# Plate 3. Pieridae



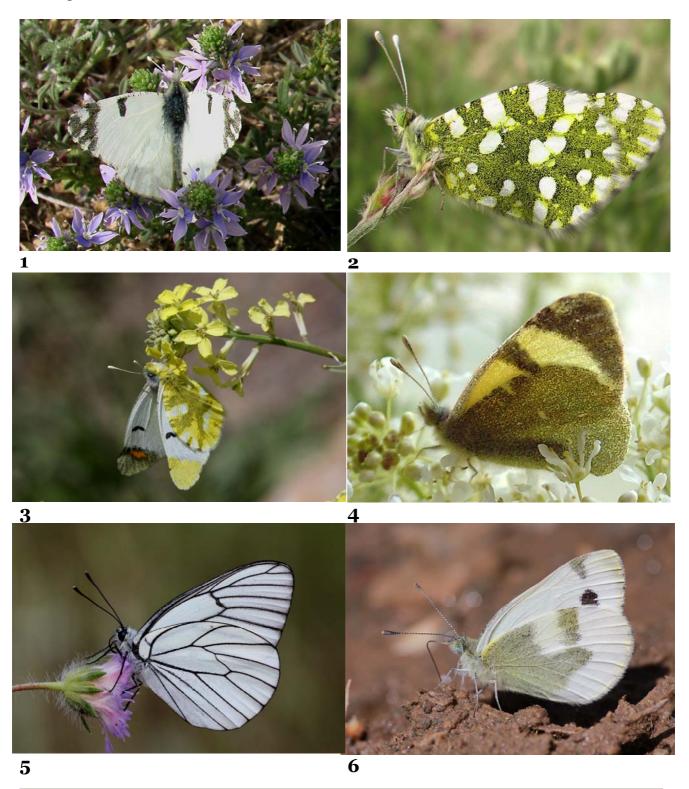
**Figs. 1-** Leptidea sinapis – Erzurum, Pazaryolu, 10 8 2009; **2-** Leptidea duponcheli – Van, Kurubaş, 8 6 2011; **3-** Colias aurorina – Bingöl, Kuruca, 20 6 2009; **4-** C. alfacariensis – Erzurum, Pazaryolu, 10 8 2009; **5-** C. thisoa – Van, Gürpınar, 15 7 2009; **6-** C. crocea – Bitlis, Tatvan, 11 6 2011.

# Plate 4. Pieridae



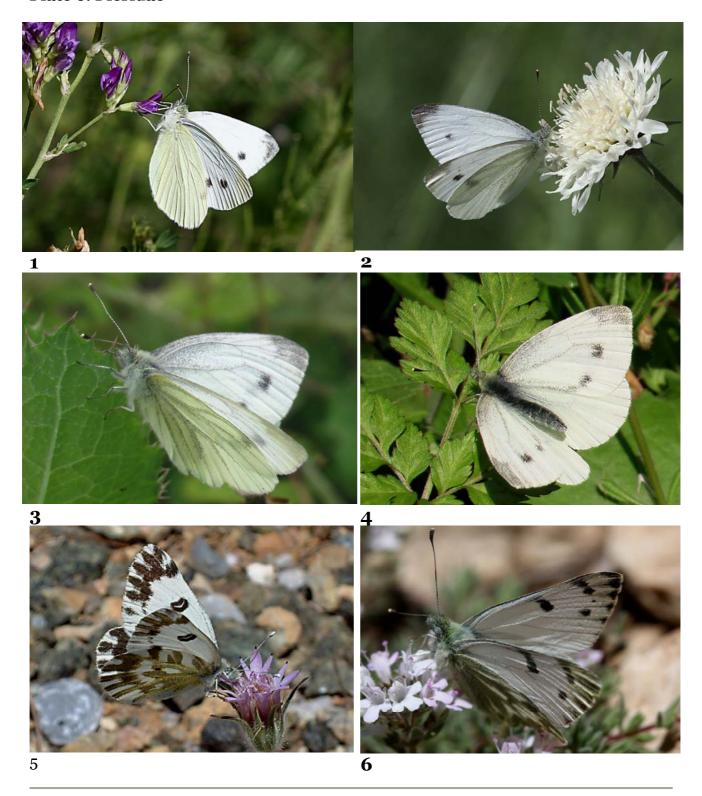
Figs. 1- Gonepteryx rhamni (male) – Bingöl, 20 6 2009; 2- A. grueneri (female) – Van, Erek mountain, 2 6 2011; 3- A. cardamines (male) – Van, Çatak, 30 5 2009; 4- A. damone (male) – Van, Çatak, 30 5 2009; 5,6- A. grueneri (male) - Van, Gevaş, 29 5 2003.

# Plate 5. Pieridae



Figs. 1- Euchloe ausonia – Ankara, Kalecik, 20 5 2008; 2- E. ausonia - Urfa, Çoban Boğazı 18 4 2007; 3- Zegris eupheme (male) – Van, Saray, 4 6 2009; 4- Elphinstonia penia – Van, Gevas, 29 5 2003; 5- Aporia crataegi – Bitlis, Direktaşı, 15 6 2011; 6- Pieris krueperi – Hakkari, Cilo mountain 3 7 2011.

#### Plate 6. Pieridae



**Figs. 1-** *Pieris mannii* - Ardahan, Posof, 19 7 2009; **2-** *P. rapae* - Ardahan, Posof, 1 7 2010; **3, 4-** *P. pseudorapae* - İstanbul, 26 4 2009; **5-** *Pontia chloridice* - Mugla, Boynuzcuk 13 6 2005; **6-** *P. callidice* - Van, Gevaş, 13 7 2009.

# Plate 7. Pieridae





Figs. 1- Pieris ergane – Van, Bahçeseray, 2 8 2008; 2- P. ergane – Hakkari, Yüksekova, 11 6 2003; 3- Colotis fausta – Siirt, Şirvan, 2 9 2010.

## Plate 8. Satyridae



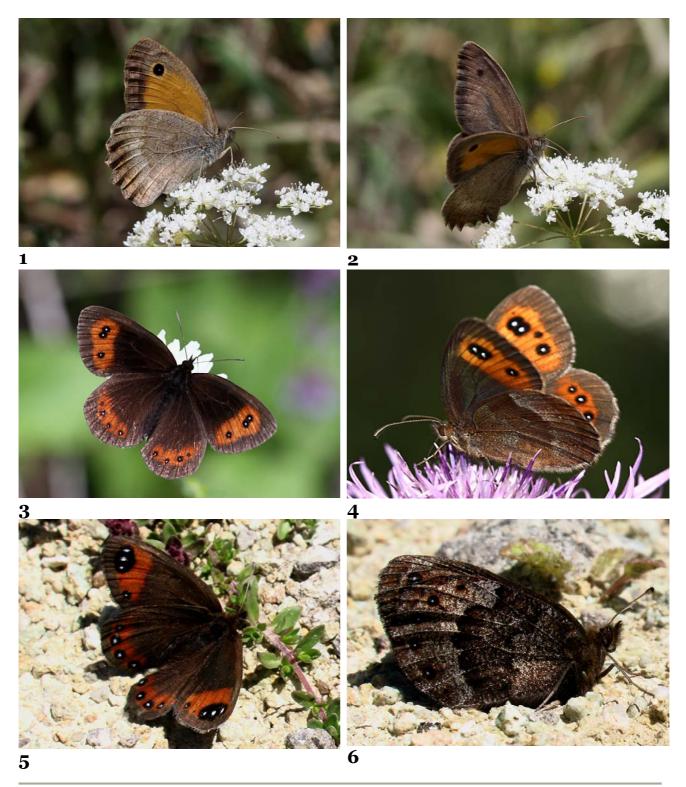
**Figs. 1-** *Kirinia roxelana*- Bitlis, Direktaşı, 15 6 2011; **2-** *Esperarge climene* (courtship) – Van, Çatak, 17 7 2009; **3-** *Lasiommata megera* – Muğla, Bodrum 17 6 2005; **4-** *L. maera* – Van, Erek, 13 6 2009; **5-** *Pararge aegeria* – Bitlis, Baykan, 24 6 2006; **6-** *Coenonympha arcania* – Ardahan, Posof, 19 7 2009.

## Plate 9. Satyridae



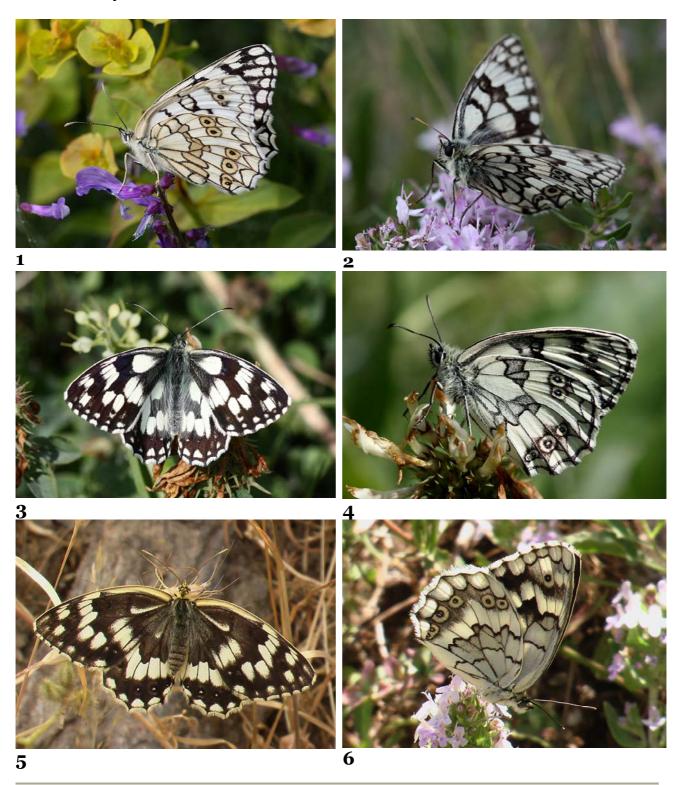
Figs. 1- Coenonympha leander – Hakkari, Karadağ, 4 7 2011; 2- C. symphyta – Ardahan, Posof, 30 6 2010; 3- C. saadi – Van, Çatak, 7 7 2009; 4- Maniola telmessia - Bitlis, Direktaşı 15 6 2011; 5- Hyponephele wagneri – Batman, Kozluk, 8 6 2008; 6- H. naricoides – Van, Güzeldere, 15 7 2011.

# Plate 10. Satyridae



 $\label{eq:Figs.1} \textbf{Figs. 1, 2-} \ \textit{Hyponephele lupina} - \text{Van, Catak, 17 7 2009; 3, 4-} \ \textit{Erebia aethiops} - \text{Ardahan, Posof, 19 7 2010; 5, 6-} \\ \textit{E. hewitsonii} - \text{Erzurum, Macka, 26 6 2008.}$ 

# Plate 11. Satyridae



Figs. 1- Melanargia russiae (female) & 2- M. russiae (male) – Bitlis, Tatvan, 9 7 2009; 3, 4- M. galathea – Ardahan, Posof, 20 7 2009; 5- M. syriaca – Van, Çatak, 1 7 2006; 6- M. syriaca – Van, Kusgunkıran, 6 7 2006.

# Plate 12. Satyridae



**Figs. 1,2-** *Melanargia grumi* – Urfa, Siverek, 4 6 2006; **3, 4-** *M. hylata* – Bitlis, Tatvan, 9 7 2006; **5, 6-** *M. titea* – Mersin, Tarsus, 12 6 2005.

## Plate 13. Satyridae



Figs. 1- Melanargia larissa — Kırşehir, Kaman, 7 6 2006; 2- M. larissa — Erzurum, İspir, 9 8 2009; 3- Satyrus favonius — Erzurum, Pazaryolu, 10 8 2009; 4- S. parthicus — Hakkari, Yüksekova, 1 8 2003; 5- S. amasinus (in copula)— Karaman, Hacıbaba mountain, 23 6 2009; 6- S. iranicus — Bitlis, Tatvan, 9 7 2009.

# Plate 14. Satyridae



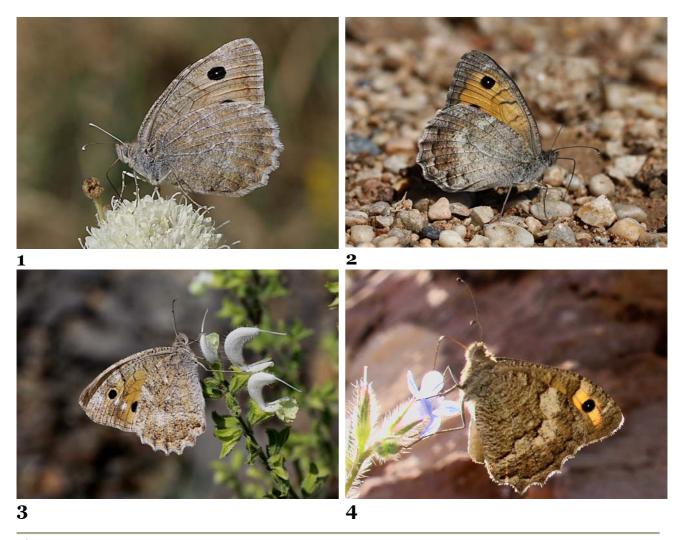
Figs. 1- Minois dryas – Ardahan, Posof, 13 7 2007; 2- Pseudochazara anthelea – Batman, Kozluk 6 6 2008; 3-Chazara anthe – Karaman, Hacıbaba, 23 6 2009; 4- Chazara briseis – Van, 18 7 2010; 5,6- Chazara bischoffi – Van, 18 7 2010.

## Plate 15. Satyridae



Figs. 1- Brintesia circe - Erzurum ,İspir 1960m 9 8 2009; 2- Arethusana arethusa — Erzurum, İspir,1960m 9 8 2009; 3- Hipparchia syriaca - Bitlis, Ağaçköprü, 6 6 2008; 4- Parahipparchia aristeus — Karaman, Hacıbaba, 23 6 2009; 5- Neohipparchia parisatis - Mardin Nusaybin, 26 6 2006; 6- Pseudochazara geyeri — Van, Başet, 10 8 2010.

# Plate 16. Satyridae



**Figs. 1-** *Pseudochazara beroe* (female) –Van, Başet 18 7 2010; **2-** *P. lydia* – Karaman, Hacıbaba, 23 6 2009; **3-***P. pelopea* – Van, Zernek, 24 7 2011; **4-** *P. telephassa* – Batman, Kozluk, 8 6 2008.

# Tablo 17. Argynnidae





Figs. 1,2 Euapatura mirza – Hakkari, Kırıkdağ, 2 7 2011.

# Tablo 18. Argynnidae

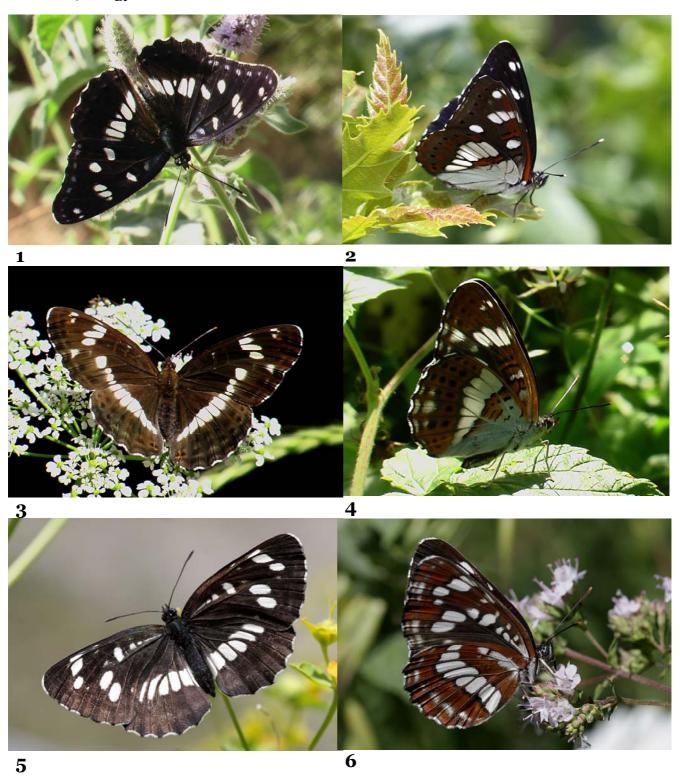




Figs. 1,2 *Thaleropis ionia* – Van, Çatak, 29 7 2011.

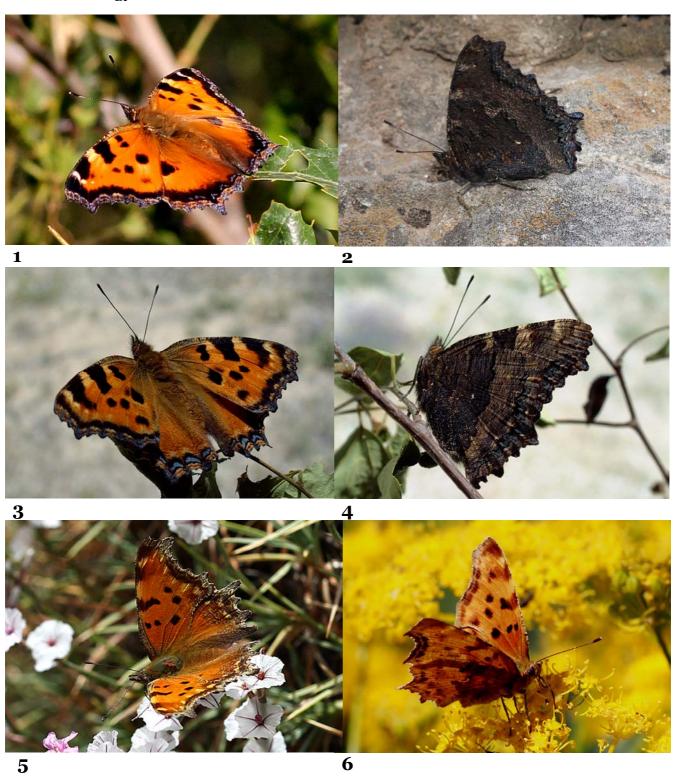
2

#### Tablo 19. Argynnidae



Figs. 1- Limenitis reducta – Bitlis, Hizan, 27 7 2006; 2- L. reducta – Van, Çatak, 9 6 2009; 3, 4- L. camilla – Ardahan, Posof, 12 7 2007; 5, 6- Neptis rivularis – Kars, Kağızman, 2 7 2010.

# Tablo 20. Argynnidae



Figs. 1, 2- Nymphalis xanthomelas – Bitlis, 15 6 2011; 3, 4- N. polychloros – Van, Çatak, 7 6 2003; 5- Polygonia egea – Erzurum, İspir, 9 8 2009; 6- P. c-album – Hakkari, Cilo, 3 7 2011.

## Tablo 21. Argynnidae



Figs. 1- Argynnis paphia – Ardahan, Posof, 12 8 2007; 2- A. paphia – Ardahan, Posof, 30 6 2010; 3- A. aglaja – Ardahan, Posof, 12 7 2007; 4- A. aglaja – Van, Çatak, 21 6 2008; 5- A. niobe – Van, Çatak, 9 6 2009; 6- A. niobe – Bingöl, 20 6 2009.

## Tablo 22. Argynnidae



Figs. 1, 2- Brenthis hecate – Ardahan, Posof, 2 8 2009; 3, 4- B. mofidii – Hakkari, Cilo, 3 7 2011; 5- Boloria euphrosyne – Ardahan, Posof, 30 6 2010; 6- B. caucasica – Ardahan, Posof, 1 7 2010.

#### Tablo 23. Argynnidae



Figs. 1- Euphydryas aurinia - Hakkari, Cilo Mountain, 3 7 2011; 2- E. orientalis - Ankara, Kalecik, 20 5 2008; 3- Melitaea collina - Van, Çatak, 30 5 2003; 4- M. phoebe - Hakkari, Cilo Mountain, 3 7 2011; 5- M. arduinna - Van, 31 5 2010; 6 - M. fascelis - Hakkari, Cilo Mountain, 2 7 2011.

## Tablo 24. Argynnidae



Figs. 1- Melitaea interrupta – Ardahan, Posof, 1 8 2009; 2- M. didyma - Hakkari, Cilo Mountain, 3 7 2011; 3- M. persea – Van, Çatak, 18 6 2009; 4- M. interrupta (in copula) – Ardahan, Posof, 1 8 2009; 5, 6- M. caucasogenita – Ardahan, Posof, 1 8 2009.

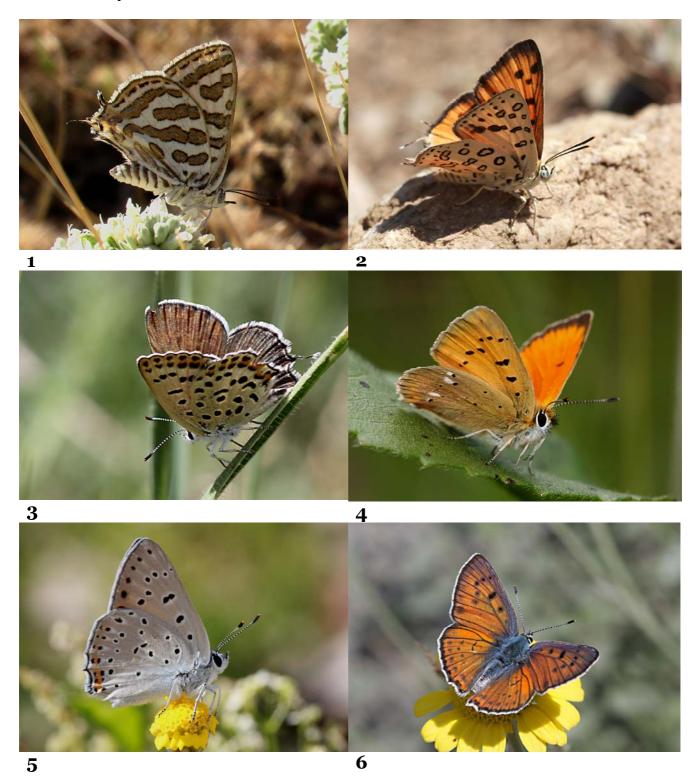
## Tablo 25. Argynnidae





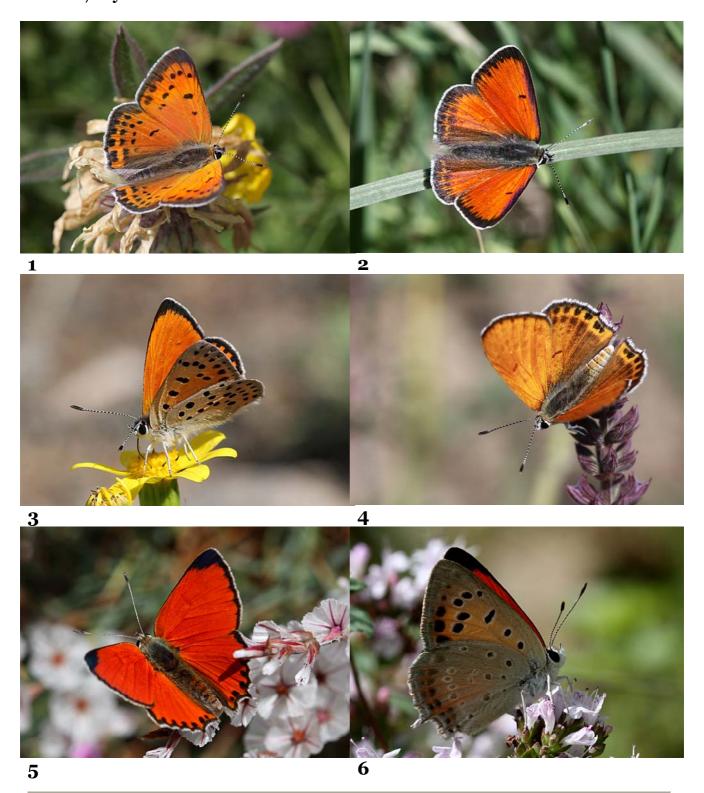
Figs. 1,2 Mellicta athalia - Ardahan Posof, 1 8 2009.

## Plate 26. Lycaenidae



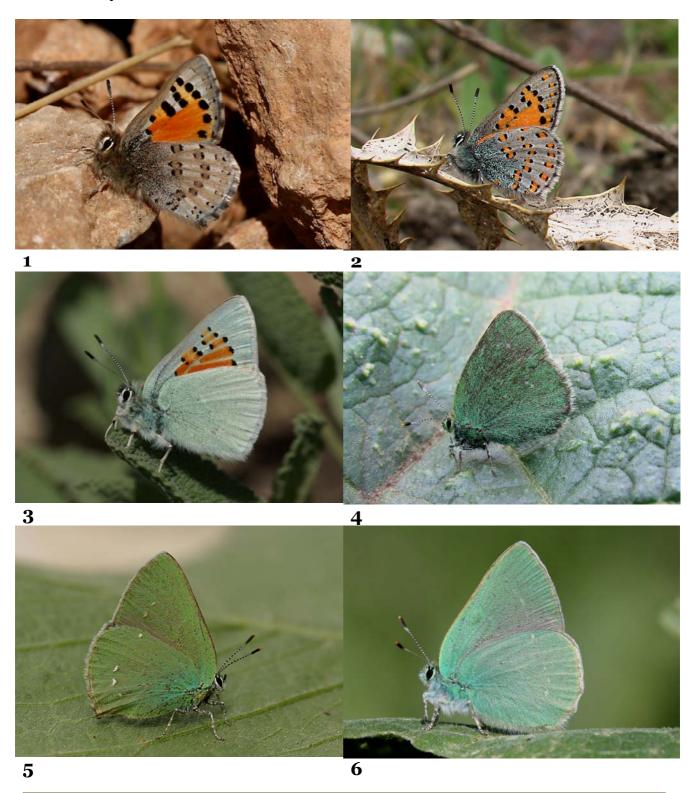
Figs. 1- Cigaritis acamas – Bingöl, 4 7 2008; 2- C. uighurica – Hakkari, Cilo Mountain, 3 7 2011; 3- Lycaena euphratica – Van, Gevaş, 2 6 2011; 4- Lycaena virgaureae – Ardahan, Posof, 2 8 2009; 5- L. alciphron – Hakkari, Cilo Mountain, 2 7 2011; 6- L. alciphron – Kars, Kağızman, 2 7 2010.

## Plate 27. Lycaenidae



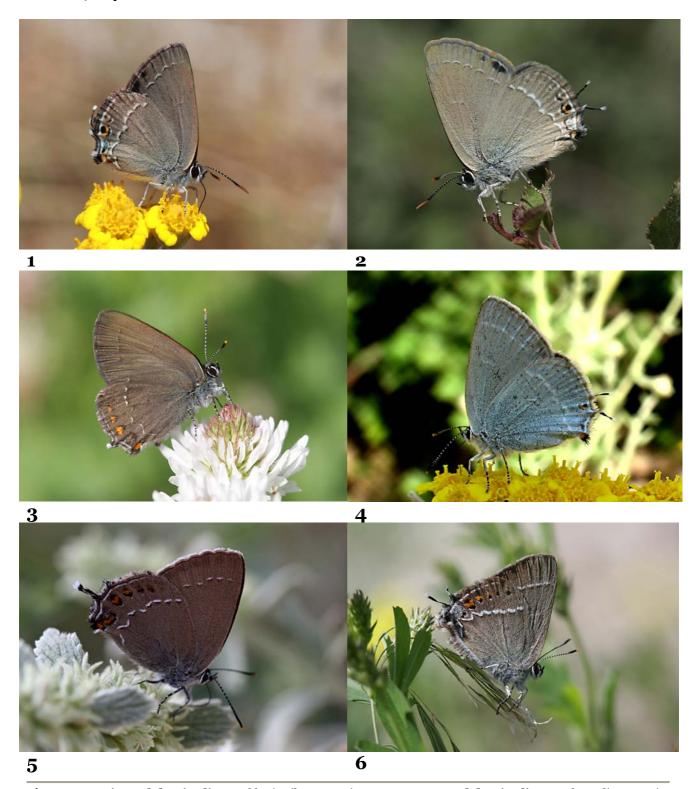
Figs. 1-Lycaena asabinus – Van, Gürpınar, 25 6 2010; 2- L. candens – Van, Gürpınar, 15 7 2009; 3- L. kefersteinii – Van, Erek, 1 6 2011; 4- L. kurdistanica – Van, Gürpınar, 24 7 2011; 5,6- L. thetis – Erzurum, İspir, 9 8 2009.

## Plate 28. Lycaenidae



Figs. 1- Tomares desinens - Van, Gürpınar, 14 4 2010; 2- T. nesimachus - Ankara, Kalecik, 20 5 2008; 3- T. romanovi - Şırnak, Meşindağı, 23 5 2011; 4- Callophrys mystaphia - Van, 02 6 2008; 5- C. rubi - Siirt, Eruh, 23 5 2011; 6- C. paulae - Van, Çatak, 30 5 2009.

## Plate 29. Lycaenidae



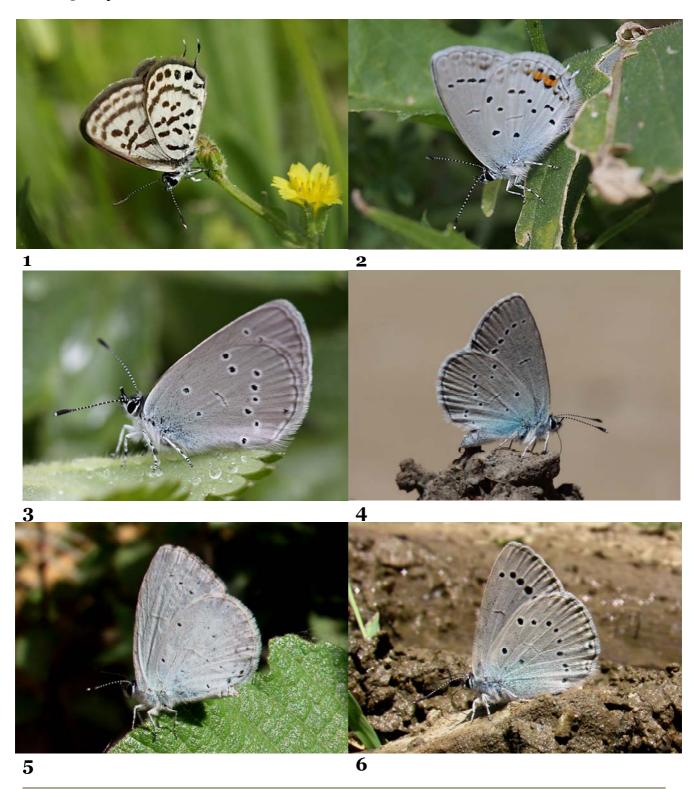
Figs. 1- Satyrium abdominalis – Hakkari, Cilo Mountain, 2 7 2011; 2 - S. abdominalis -Şırnak, Cudi Mountain, 24 5 2011; 3- S. acaciae – Ardahan, Posof, 30 6 2010; 4- S. armenum – Bitlis Reşadiye, 26 6 2006; 5- S. ilicis – Karaman, Hacibaba Mountain, 23 6 2009; 6- S. spini –Ağrı, Karabulak, 29 6 2010.

## Plate 30. Lycaenidae



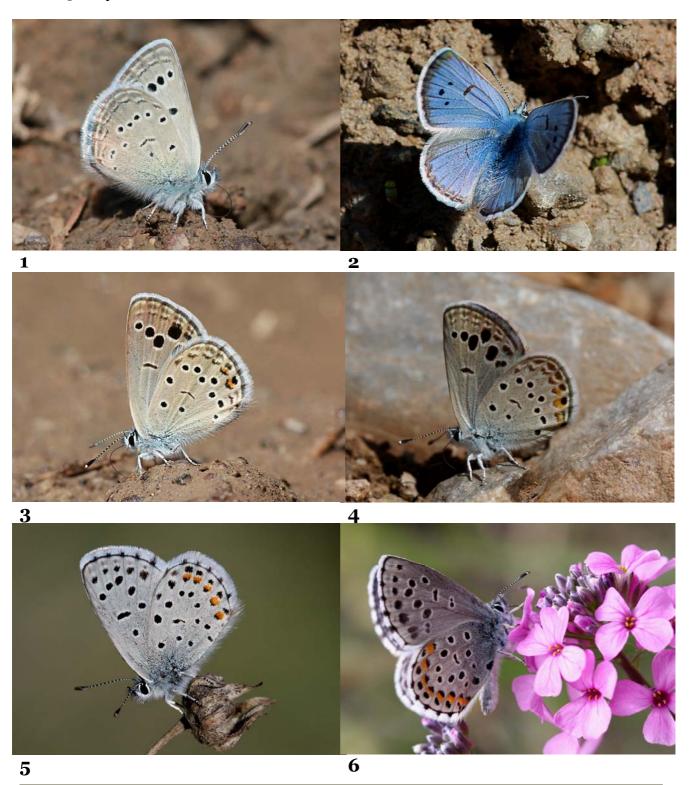
Figs. 1-Satyrium w-album – Van, Gevaş, 14 07 2011; 2- S. zabni – Bingöl, 20 6 2009; 3- S. ledereri - Van, Çatak, 11 6 2009; 4- S. hyrcanicum – Kars, Kağızman, 2 7 2010; 5- Quercusia quercus – Bingöl, 26 7 2008; 6-Lampides boeticus – Bitlis, Mutki, 22 5 2010.

## Plate 31. Lycaenidae



Figs. 1- Tarucus balkanicus — Şırnak, Cizre, 6 5 2011; 2- Cupido argiades — Ardahan, Posof, 30 6 2010; 3- C. minimus — Ardahan, Posof, 18 7 2009; 4- C. osiris — Hakkari, Cilo Mountain, 2 7 2011; 5- Celastrina argiolus — Batman, Kozluk, 76 2008; 6- Iolana lessei — Bitlis, 6 6 2008.

## Plate 32. Lycaenidae



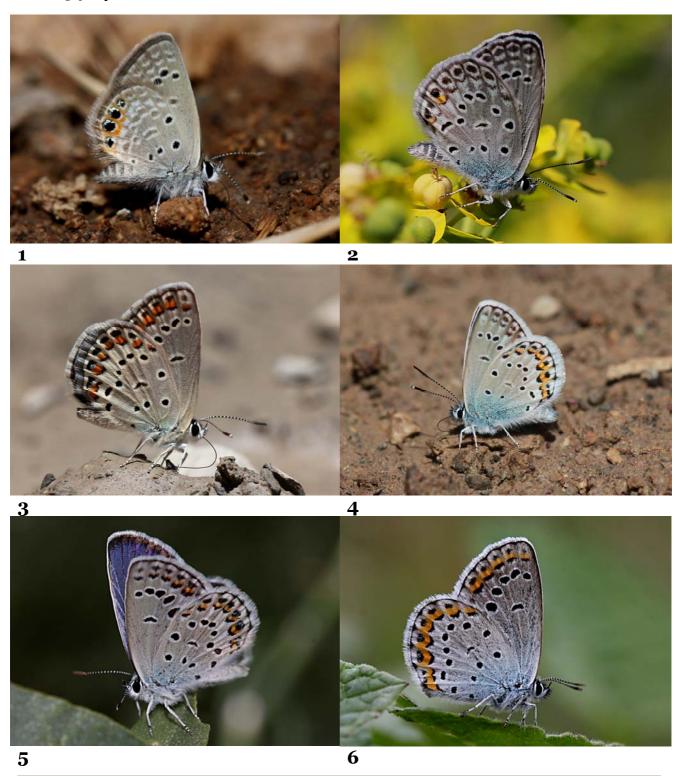
Figs. 1,2- Turanana cytis – Hakkari, Karadağ, 4 7 2011; 3- T. endymion – Hakkari, Cilo Mountain, 3 7 2011; 4- T. taygetica – Karaman, Hacıbaba Mountain, 23 6 2009; 5- Pseudophilotes vicrama – Van, Gevaş, 28 5 2009; 6-Rubrapterus bavius – Van, Erek Mountain, 13 6 2009.

#### Plate 33. Lycaenidae



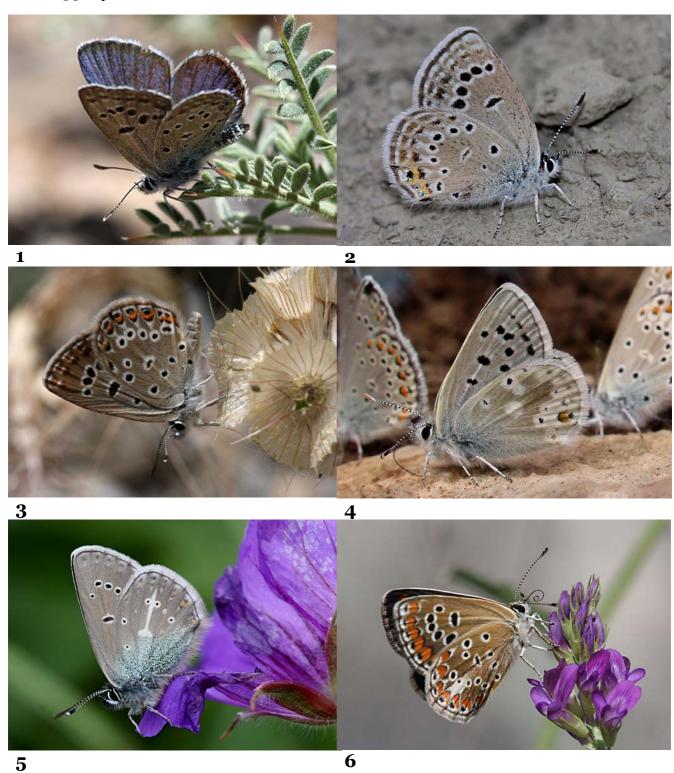
Figs. 1- Glaucopsyche alexis – Şırnak, Cudi Mountain,8 5 2011; 2- G. alexis – Şırnak, Güzelkonak,6 5 2011; 3- G. astraea – Kahramanmaraş, Nurhak, 30 6 2008; 4- Phengaris arion – Ardahan, Posof, 2 8 2009; 5- Phengaris nausithous – Ardahan, Damal, 3 8 2009; 6- Chilades galba – Siirt, Şirvan, 2 9 2010.

## Plate 34. Lycaenidae



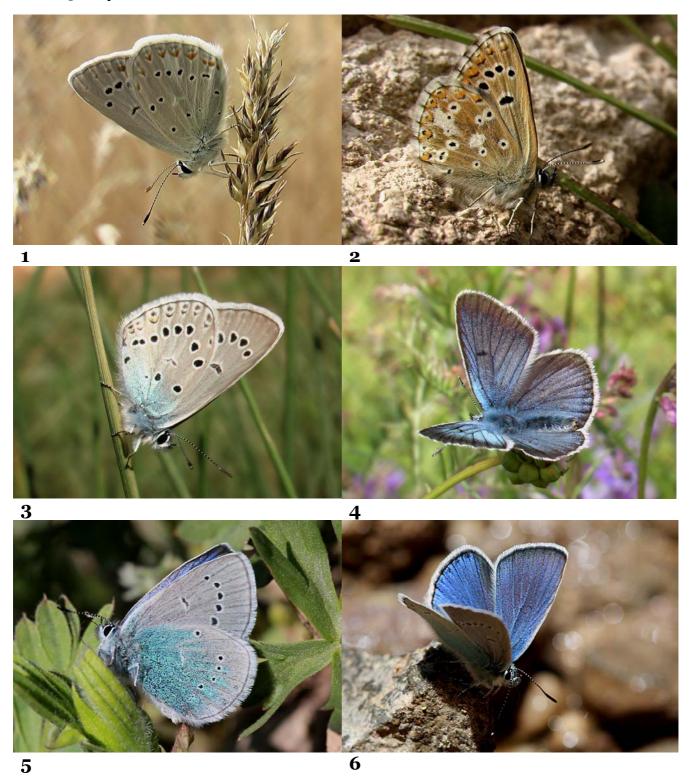
**Figs. 1-** *Chilades trochylus* – Karaman, Hacıbaba Mountain, 23 6 2009; **2-** *Polyommatus loewii* – Hakkari, Cilo Mountain, 3 7 2011; **3-** *Plebejus carmon* – Hakkari, Cilo Mountain, 2 7 2011; **4-** *P. argus* – Hakkari, Cilo Mountain, 3 7 2011; **4-** *P. christophi* – Iğdır, Tuzluca, 20 7 2009; **6-** *Plebejus argyrognomon* – Ardahan, Posof, 19 7 2009.

## Plate 35. Lycaenidae



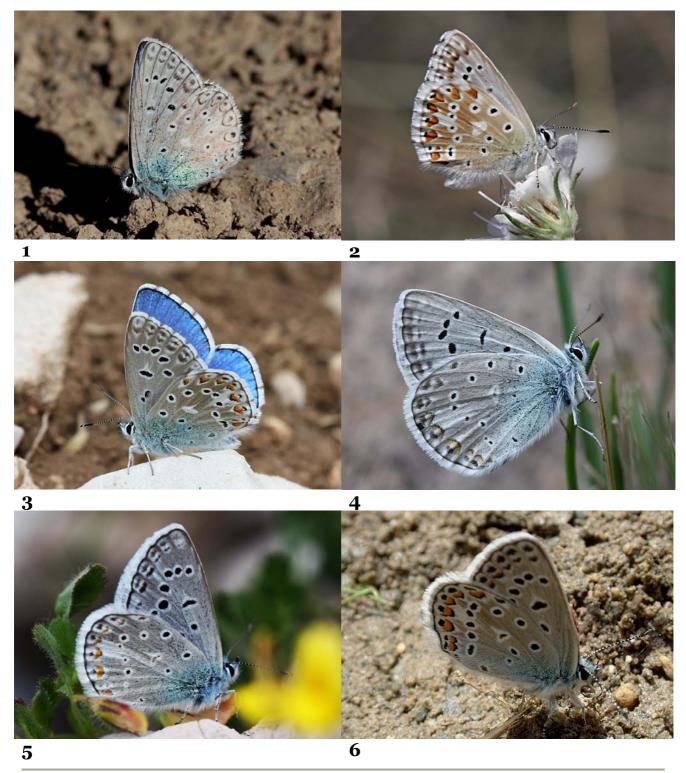
Figs. 1- Polyommatus morgianus – Van, Gürpınar, 15 7 2009; 2- P. rosei - Van, 17 6 2010; 3- P. alcedo – Van, Çatak, 23 7 2009; 4- P. pyrenaicus - Kahramanmaraş, Nurhak, 30 6 2008; 5-P. eumedon – Ardahan, Posof, 1 8 2009; 6- P. agestis – Kars, Kağızman, 2 7 2010.

## Plate 36. Lycaenidae



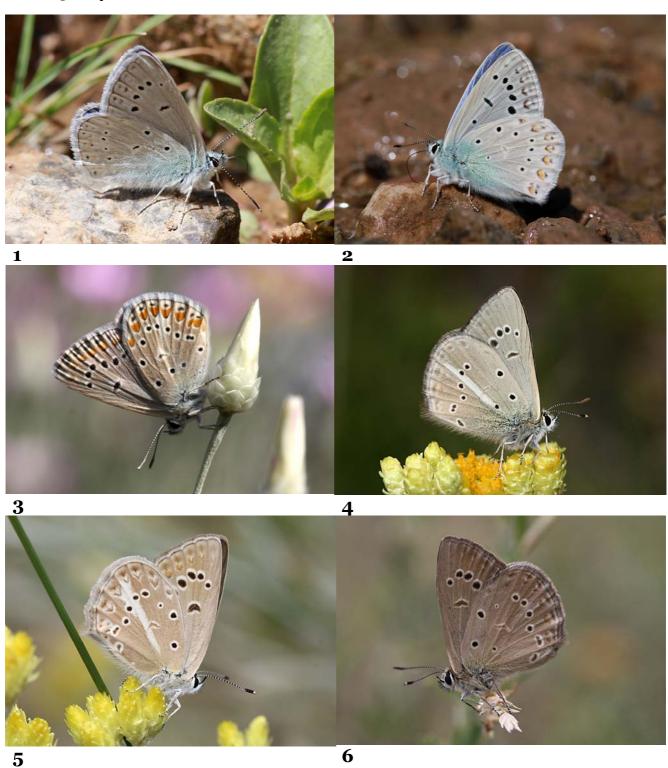
Figs. 1- Polyommatus isauricus – Malatya, Darende, 17 6 2006; 2- P. crassipunctus – Van, Bahçeseray, 2 8 2008; 3-P. amandus – Van, Çatak, 23 6 2007; 4- P. diana- Bayburt, 23 6 2008; 5- P. fatima – Hakkari, Karadağ, 4 7 2011; 6- P. coelestinus – Hakkari, Cilo Mountain, 3 7 2011.

## Plate 37. Lycaenidae



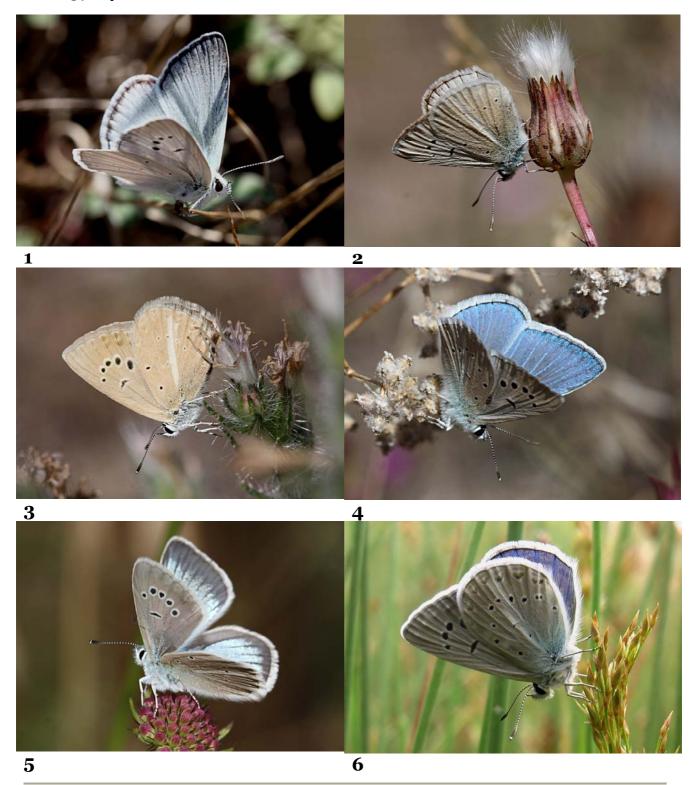
Figs. 1- Polyommatus dezinus – Hakkari, Cilo Mountain, 2 7 2011; 2- P. corydonius – Sivas, Gölova, 5 8 2010; 3-P. bellargus – Adana, Gebzeli, 25 6 2009; 4- P. aedon – Erzurum, İspir, 9 8 2009; 5- P. cornelius – Adana, Tufanbeyli, 25 6 2009; 6- P. eros – Artvin, Yusufeli, 6 7 2003.

## Plate 38. Lycaenidae



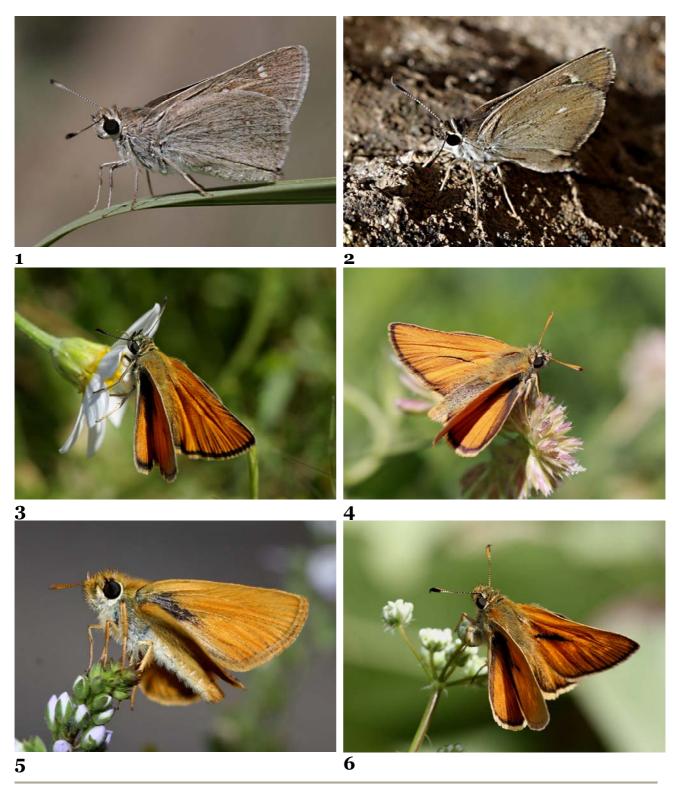
Figs. 1- Polyommatus buzulmavi - Hakkari, Cilo Mountain, 3 7 2011; 2- P. icarus - Hakkari, Cilo Mountain, 3 7 2011; 3- P. thersites - Kars, Kağızman, 28 7 2009; 4- P. (Agrodiaetus) eriwanensis - Erzurum, İspir, 9 8 2009; 5- P. (Agrodiaetus) eriwanensis (female) and 6- P. (Agrodiaetus) admetus (male) - Erzurum, Pazaryolu, 10 8 2009.

## Plate 39. Lycaenidae



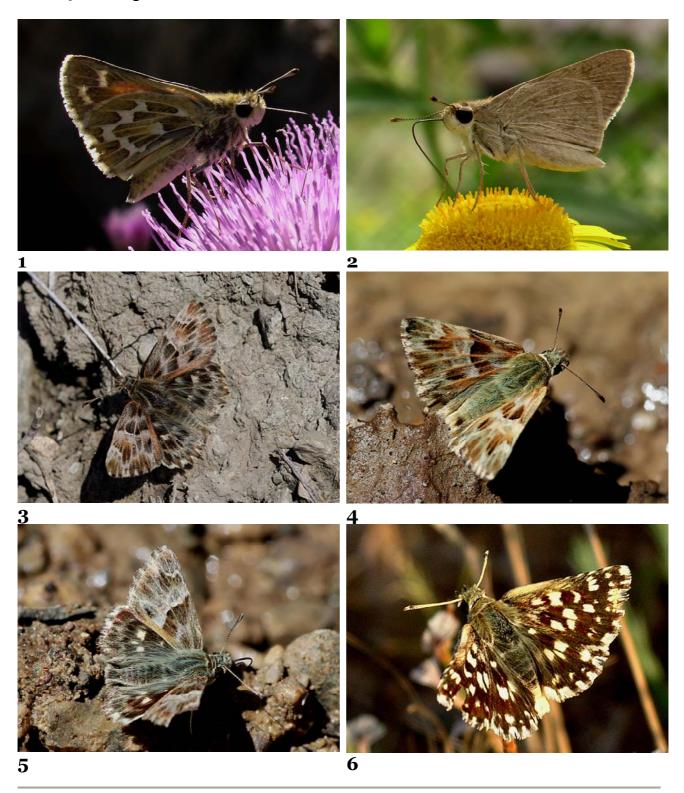
Figs. 1- Polyommatus (Agrodiaetus) hopfferi - Sivas, Zara, 12 8 2009; 2- P. (Agrodiaetus) menalcas - Sivas, Zara, 12 8 2009; 3, 4- P. (Agrodiaetus) poseidon (3-female, 4- male) - Sivas, Zara, 12 8 2009; 5- P. (Agrodiaetus) damon - Erzurum, İspir, 9 8 2009; 6- P. (Agrodiaetus) firdussii - Van, Çatak, 1 7 2006.

## Plate 40 – Hesperiidae



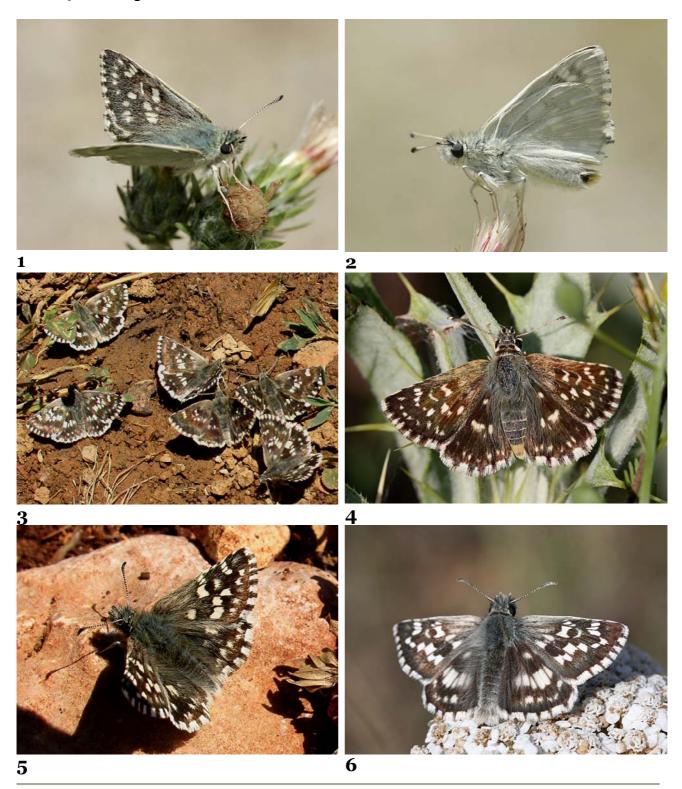
Figs. 1- Eogenes alcides – Siirt, Şirvan, 12 6 2010; 2- E. lesliei - Siirt, Şirvan, 12 6 2010; 3- Thymelicus lineolus (female) - Şırnak, Cudi Mountain, 24 5 2011; 4- T. sylvestris (male) – Hakkari, Cilo Mountain, 3 7 2011; 5-T. novus (male) -Van, Çatak, 7 7 2009; 6-Ochlodes venatus (male) – Van, Çatak, 9 6 2009.

## Plate 41 – Hesperiidae



Figs. 1- Hesperia comma (female) - Van, Gürpınar, 13 8 2006; 2- Gegenes nostrodamus - Mersin yolu, 22 8 2008; 3- Carcharodus alceae - Siirt, Şirvan, 4 3 2011; 4- C. lavatherae - Hakkari, Cilo Mountain, 3 7 2010; 5- C. stauderi- Hakkari, Cilo Mountain, 3 7 2011; 6- Spialia phlomidis - Van, Gevaş, 11 7 2003.

## Plate 42 – Hesperiidae



Figs. 1,2- Muschampia nomas – Şırnak, Cudi Mountain, 24 5 2011; 3- M. poggei – Batman, Kozluk , 8 6 2008; 4- Spialia orbifer - Van, Gevaş, 28 5 2009; 5- Pyrgus melotis - Hatay, Yayladağı, 21 4 2007; 6- P. cinarae – Erzurum, Kırık , 11 8 2009.

ISSN 1015-8243

**Priamus** is the first international serial publication of the Centre for Entomological Studies Ankara (CESA), established in 1981. It appears in volumes at irregular intervals. It includes shorter original articles of the research workers of the Centre, regarding taxonomy, nomenclature, morphology, bibliography, check-list, catalogue of Insects, especially Lepidoptera, as well as papers on faunistic, ecological and distributional researches. The publication languages are Turkish, English, German and Uighurian.

**Priamus Supplement** is the first international, online publication of the Centre for Entomological Studies Ankara (CESA), established in 2006 in accordance with the Publications Rules of the ICZN. It appears at irregular intervals as PDF format and announced in the internet site of the CESA. It includes larger original articles and theses of the research workers of the Centre, regarding morphology, bibliography, check-list, catalogue of Insects, especially Lepidoptera, as well as papers on faunistic, ecological and distributional researches. The publication languages are Turkish, English, German and Uighurian.

# Centre for Entomological Studies Ankara

(A scientific Consortium) (co-operation of research workers for pure-scientific, not commercial purpose)

Web Page of the Cesa: http://www.cesa-tr.org/

Scientific Serials: Priamus & Supplement (ISSN 1015-8243)<sup>1</sup>, Miscellaneous Papers (ISSN 1015-8235)<sup>2</sup>, Memoirs (ISSN-8227)<sup>3</sup> DVD Films<sup>4</sup>, Iconographia Insectorum<sup>5</sup> Cesa Publications on African Lepidoptera (series)<sup>6</sup>, Cesa News [online]<sup>7</sup>, Cesa Books <sup>8</sup>

Owners / Sahipleri - Editors / Yayıncılar: Prof. Dr. Ahmet Ömer Koçak (c/o Yüzüncü Yıl University, Turkey) - Editor Assistent: Asst. Prof. Dr. Muhabbet Kemal Koçak (c/o Yüzüncü Yıl University, Turkey).

Editorial Board of all Scientific Serials / Bütün Bilimsel Yayınların Yayın Kurulu: Insecta, taxonomy, nomenclature, ecology, faunistics: Prof. Dr. Ahmet Ömer Koçak (Yüzüncü Yıl Üniversitesi, Turkey), Asst. Prof. Dr. Muhabbet Kemal Koçak (Yüzüncü Yıl University, Turkey), Asst. Prof. Dr. Emine Demir (Turkey). Orthoptera: Assoc. Prof. Dr. Mustafa Ünal (Abant İzzet Baysal University, Turkey), Asst. Prof. Dr. Yusuf Hüseyinoğlu (Mersin University, Turkey), Asst. Prof. Dr. Yaşar Gülmez (Gazi Osman Paşa University, Tokat). Coleoptera / Chrysomelidae: Assoc. Prof. M.S.Mohammedsaid (Malaysia). - Plant taxonomy, flora and vegetation: Asst. Prof. Dr. Fevzi Özgökçe, Asst. Prof. Dr. Mural Ünal (Yüzüncü Yıl University, Van, Turkey).

#### ALL RIGHTS RESERVED

Correspondences should be addressed to: Prof. Dr. Ahmet Ömer Koçak, c/o Yüzüncü Yıl University, Fen Fakültesi, Biyoloji Bölümü, Kampus, Van / Turkey. - e-mail: cesa tr@yahoo.com.tr

All serials are recorded regularly by the Zoological Record,
Thomson Reuters, Enterprise House, Innovation Way, Heslington, York, YO10 5NY, United Kingdom
ts-emea-york.dcsadmins@thomson.com



 $<sup>^{\</sup>scriptscriptstyle 1} \, \underline{\text{http://www.cesa-tr.org/Pri.htm}} \, - \, \text{earlier issues of Priamus as pdf available after corresponding ; Priamus Supplement (online) pdf available}$ 

<sup>5</sup> http://www.cesa-tr.org/Icon.htm

<sup>&</sup>lt;sup>2</sup> http://www.cesa-tr.org/Miscell.htm - earlier issues as pdf available after corresponding

<sup>&</sup>lt;sup>3</sup> http://www.cesa-tr.org/Memoirs.htm - pdf available

<sup>4</sup> http://www.cesa-tr.org/CDF.htm

<sup>&</sup>lt;sup>6</sup> http://www.metafro.be/Members/Cesa/internet sayfas305/base view - pdf available

<sup>&</sup>lt;sup>7</sup>http://www.cesa-tr.org/Cesanews.htm pdf available

<sup>8</sup> http://www.cesa-tr.org/Cesabooks.htm CD format